

BOB JONES UNIVERSITY

ANNOUNCEMENTS

1947-1948

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CATALOGUE OF

BOB JONES UNIVERSITY

Volume XX

Number 1

ANNOUNCEMENTS

for

1947-48

IMPORTANT!

It is understood that attendance at Bob Jones University is a privilege and not a right, which privilege may be forfeited by any student who does not conform to the standards and regulations of the institution, and that the University may request the withdrawal of any student at any time, who, in the opinion of the University, does not fit into the spirit of the institution, regardless of whether or not he conforms to the specific rules and regulations of the University.

BOB JONES UNIVERSITY CREED

I believe in the inspiration of the Bible, both the Old and New Testaments; the creation of man by the direct act of God; the incarnation and virgin birth of our Lord and Saviour, Jesus Christ; His identification as the Son of God; His vicarious atonement for the sins of mankind by the shedding of His blood on the cross; the resurrection of His body from the tomb; His power to save men from sin; the new birth through the regeneration by the Holy Spirit; and the gift of eternal life by the grace of God.



BOB JONES UNIVERSITY

is determined that no school shall excel it in the thoroughness of its scholastic work; and, God helping it, it endeavors to excel all other schools in the thoroughness of its Christian training.

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UNIVERSITY CALENDAR

1947-48

- Oct. 1, Wednesday, 7:30 p.m. Formal opening
- November 27, Thursday . . . Thanksgiving holiday
- Dec. 19, Friday, noon . . . Christmas vacation begins
- Dec. 29, Monday Classes resume
- Feb. 10, Tuesday First semester ends
- Feb. 11, Wednesday Second semester begins
- April 4-11 Bible Conference
- June 11, Friday Commencement week begins
- June 16, Wednesday, noon . . Session ends

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- GOFFREY G. JACKSON, Assistant Store Manager

PERSONAL WORD FROM THE PRESIDENT

During the twenty years of its history, Bob Jones College has stood firmly for certain principles and has consistently and openly declared those principles. Bob Jones University shall stand firmly for the same principles and shall continue to declare them.

Located a short distance from the downtown center of Cleveland, Tennessee, and having in 1946-47 three times as many students as in 1940-41, Bob Jones College had expanded as far as available land space permitted and was forced to turn away several thousand young people whom it was unable to accommodate. The Board of Trustees, therefore, unanimously voted on April 4, 1946, to accept an offer for the purchase of the Cleveland property and as soon as possible to erect a new plant upon a site to be chosen by a committee consisting of Dr. Bob Jones, Sr., the founder of the institution; Mr. R. K. Johnson, the business manager; and the writer. At the same time, the Board of Trustees voted that "beginning with the school year 1947-48 Bob Jones College be expanded into a Christian university and its name be changed to Bob Jones University."

After considering offers from a number of cities in various sections of America, the committee unanimously decided that Bob Jones University be located at Greenville, South Carolina. The decision of the committee was based upon several things: upon the fact that greater Greenville with over 100,000 people is the center of a great population of typical American people, most of whom have a conservative religious background and are at the same time progressive and have a forward look; upon the fact that the heavy population of the area within fifty miles of the new campus will afford the ministerial students and the talented young people majoring in music and speech an abundant opportunity for service and an outlet for their talents; upon the satisfactory, all-year-round climate; upon the excellent transportation facilities; upon the fact that in their effort to bring Bob Jones University to Greenville, the Chamber of Commerce and other leaders, while recognizing the commercial value of an educational institution to a community, put first emphasis upon the cultural and spiritual values which Bob Jones University offers.

The site purchased by the Chamber of Commerce and

citizens of Greenville and turned over to the university consists of approximately 160 acres of rolling land just outside the city limits of Greenville on U. S. Highway 29, a main artery of travel from Boston to Florida. The thirty-mile stretch between Greenville and Spartanburg which passes in front of the campus is a beautifully landscaped, four-lane, super highway; and there are paved roads on the other three sides of the campus. Now under construction on this site at a cost of approximately \$3,000,000 is the first unit of what will be one of the most interesting, unusual, and efficient university plants in America.

Bob Jones University should not be thought of as a new institution but rather as an enlargement and expansion of Bob Jones College. The purpose of the Board of Trustees as set forth in its resolutions is "to make this university a center of the highest academic standards and Christian culture to which carefully chosen young people will come from all parts of the world and receive their training and from which these trained Christian leaders will go forth to render service to our Lord in all corners of the globe." The Board of Trustees recommended "that the university give special emphasis to the fine arts, the Bible, missions, evangelism, pastoral training, history, journalism, education, Christian education, theology, international relations, the social sciences, and languages both ancient and modern, including some not usually found in a curriculum; that the university in both its graduate and undergraduate fields continue the practice which Bob Jones College has always followed of offering music, speech, and art without additional cost above regular academic tuition."

This institution has a spirit all its own, combining an atmosphere of culture without cold formality, of youthful enthusiasm without rowdiness, and of scholarship without "mustiness." This institution is not typical of any one section of America. Indeed, our student body comes not only from all parts of the United States but also from many distant lands. For example, forty-six states and a score of foreign countries are represented on our campus during the 1946-47 school year.

We believe in denominational co-operation without organic union. We believe in the right of every Christian to interpret the Bible as he may be led by the Holy Spirit, but we deny the right of anyone to call himself a Christian and ques-

tion the authority of the Bible. Religiously, our testimony is: "Whatever the Bible says is true." Every teacher in the university signs our orthodox creed once each year. We have proved in this institution that it is possible in the present day to be thorough in scholastic work and still hold to the old, orthodox, religious position of our fathers.

We believe that properly trained Christian young men and women are character-prepared for whatever emergencies they may meet in life—whether those emergencies are prosperity or adversity, peace or war. Even before the second World War when many university and college graduates were "out of work," all graduates of Bob Jones College had good positions and were leaders in their chosen fields.

While a number of our students are going into the ministry, to mission fields, or into some other form of Christian work, a great many of them are planning to be lawyers, doctors, teachers, business executives, etc.

We believe that because of the intensely Christian atmosphere of our institution and because of our emphasis on individual attention to each student, we are in a better position to do work in the fields that we cover than any other institution. Any student may go for advice or assistance to any member of the faculty at any time.

Every student in the university, no matter in which school he is enrolled, is required to take a course in Bible or Christian education each year. We offer voice, piano, violin, pipe organ, art, and speech without extra cost, except a small fee each semester for the use of the practice piano or organ. We place great emphasis on public speaking for we believe that a man or a woman is not properly educated until he or she can stand on the platform of any auditorium and talk with ease to an audience.

Our institution has the reputation of being strict; but our student body, we believe, is the most contented group of students on the American continent. The rules and regulations are made by a committee of the faculty and the students and can be changed only by a vote of these two groups. The rules and regulations are reasonable and necessary.

Here, religion is the natural thing. It is not stereotyped, strained, or "overly pious." It is simple and unaffected. Every class is opened with prayer, and our social gatherings

blend easily and naturally into "a little prayer before we go." We believe in a clean social life. We encourage properly chaperoned parties. In all our work and play, in personal life and social relations, we seek to be loyal to the Lord Jesus Christ.

On the threshold of an enlarged ministry and broader opportunities of service with an expanded enrollment, an increased faculty, and a splendid new plant, this institution is unchanged in spirit, in principle, and in purpose. "America's Most Unusual University" shall continue to live up to the motto that Bob Jones College for twenty years displayed upon its corporate seal, "Petimus, Credimus"—"We Seek, We Trust." We seek to inculcate into our students a desire for knowledge of the arts and sciences, and we seek to satisfy that desire. We trust the Bible as the inspired Word of God, the Lord Jesus Christ as the only Hope of the world, and His Gospel as the solution to the problems of our day.

GENERAL INFORMATION

Bob Jones University is composed of six schools which offer courses leading to degrees as follows:

THE COLLEGE OF ARTS AND SCIENCES

The **Bachelor of Arts** degree in the humanities without a field of concentration.

The **Bachelor of Arts** degree with concentration in English, French, Italian, Latin, German, Russian, Spanish, history, mathematics, or science.

The **Bachelor of Science** degree in home economics.

THE SCHOOL OF RELIGION

The **Bachelor of Arts** degree in English Bible, Christian education, or Christian missions.

The **Master of Arts** degree in religion.

The **Doctor of Philosophy** degree in religion.

THE SCHOOL OF FINE ARTS

The **Bachelor of Arts** degree in art.

The **Bachelor of Science** degree in music pedagogy.

The **Bachelor of Arts** and **Master of Arts** degrees in piano, violin, voice, organ, or sacred music.

The **Bachelor of Science** degree in speech pedagogy.

The **Bachelor of Arts** and **Master of Arts** degrees in interpretive speech, public speaking, dramatic production, or radio production.

The **Master of Fine Arts** degree in the combined fields of speech and music.

THE SCHOOL OF EDUCATION

The **Bachelor of Science** degree in elementary education, secondary education, or educational administration.

THE SCHOOL OF COMMERCE

The **Bachelor of Science** degree in accounting, office administration, or business administration. One-year business course for which a certificate is issued.

THE SCHOOL OF AERONAUTICS

Training in accordance with the requirements of the Civil Aeronautics Administration will be offered as follows:

Basic and advanced ground school training.
Primary, commercial, and instrument flying instruction.

Aircraft and engine maintenance.

The Bob Jones Academy, a fully-accredited four-year high school, is operated in connection with Bob Jones University. Information about Bob Jones Academy will be furnished upon request.

THE COLLEGE OF ARTS AND SCIENCES

Bob Jones University offers the **Bachelor of Arts** degree in the humanities because it feels there is a definite need for a college course offering broad and general training in the various fields of culture and intended primarily for the young person

1. who does not plan for a professional career.
2. who has already completed some type of specialized training and wishes to acquire an academic and cultural background.
3. who has not decided in what field he wishes to specialize.
4. whose interests embrace several fields.

In order to qualify for this degree, a student must complete the following courses:

English	18 semester hours
History	12 semester hours
Foreign Language	18 semester hours
Mathematics	6 semester hours
Science	6 semester hours
Psychology	6 semester hours
Philosophy	6 semester hours
Bible	12 semester hours
Fine Arts	18 semester hours
Physical Education	4 semester hours
Electives	24 semester hours

By choosing for his electives enough additional courses to make a total of thirty hours in the field of English, French, Italian, Latin, German, Russian, Spanish, history, mathematics, or science, a student will qualify for a **Bachelor of Arts** degree with a concentration in that subject. Every undergraduate student working toward a degree in the School of Religion, the School of Fine Arts, the School of Education or the School of Commerce is required in addition to his field

of concentration in that school to take a concentration of twenty-four semester hours in one of the above mentioned subjects in the College of Arts and Sciences. The College of Arts and Sciences also offers the **Bachelor of Science** degree in home economics.

THE SCHOOL OF RELIGION

The undergraduate courses in the School of Religion are designed

1. for students who do not feel called to full-time Christian service but who wish to acquire a thorough knowledge of the Bible or prepare themselves for usefulness as laymen in personal evangelism and the teaching of Sunday School classes, Daily Vacation Bible School, etc.
2. for students preparing for full-time Christian ministry. The prospective evangelist, pastor, Bible teacher, missionary, and every other Christian worker will find thorough training in the School of Religion of Bob Jones University.

The courses on the graduate level are intended primarily for those who wish advanced preparation for full-time work as evangelists, pastors, missionaries, or teachers of the Bible and related subjects and who wish to strengthen the vital evangelical impact of their Christian experience and message. This institution has always been known for the evangelical zeal and orthodox Gospel testimony of its students, combined with the highest type Christian scholarship.

THE SCHOOL OF FINE ARTS

The basic courses are intended for the development of the student in his personality, sense of values, and critical perceptions and appreciation of art, music, and literary interpretation. On both the undergraduate and graduate levels, the courses are designed for students who wish to develop their talent in a Christian atmosphere in preparation for

1. a full-time ministry in music, speech, or art.
2. the teaching of music, speech, or art.
3. a professional career in radio or in commercial art.

In the Division of Music, emphasis is given to the training of choir directors, evangelistic pianists, and song leaders, as well as teachers, composers, and conductors. In the Division of Speech, the broad emphasis ranges from the correction of

speech difficulties and impediments to technical instruction in radio and dramatic production. The Division of Art covers courses not commonly offered in a university, such as chalk drawing, graphic vocabulary, Christian illustration, and other courses especially useful in Christian service, as well as the standard courses such as oil painting, landscape painting, portraiture, etc.

THE SCHOOL OF EDUCATION

The courses are designed for students who wish to become teachers or administrators in the public schools. Students with teaching as their primary goal will normally enroll in the School of Education, although in some cases students will enroll in another school of the University and elect enough courses in the School of Education to qualify for a teacher's certificate in the state in which they intend to teach.

THE SCHOOL OF COMMERCE

The courses are designed for students who wish

1. to teach commercial subjects.
2. to qualify for civil service examinations as stenographers or accountants.
3. to train for executive, office, or selling positions.

The School of Commerce also offers a one-year business course for the benefit of students who think themselves unable to attend college more than one year but who wish to get a basic business training in the cultural atmosphere of a Christian college. The work in this course is the equivalent of that taken in the average "business college" with the added advantage that a student may also take a Bible course and a maximum of six additional hours in the College of Arts and Sciences. Upon the completion of the one-year business course, a certificate is granted.

THE SCHOOL OF AERONAUTICS

The University is acquiring a well-equipped air field a few miles from the campus at Greenville, South Carolina, where it will have both the equipment and instructional staff to qualify for rating by the Civil Aeronautics Administration as a basic and advanced ground school, primary, commercial, and instrument flying school. This work will be given for students

1. who are interested in flying as a career.
2. who wish to fly in connection with their business or for recreation.
3. who are planning to become missionaries and need to fly in carrying on their ministry on the foreign field.

BUILDINGS AND EQUIPMENT

Bob Jones University has under construction in Greenville, South Carolina, what will be when completed one of the most modern and unusual university plants in America. Constructed of cream-colored brick and trimmed with Bedford stone, all the buildings will be of modern design. The first unit of approximately eighteen buildings will accommodate 2000 dormitory students. The 160-acre campus has been laid out with future development in view, and provides abundant space for expansion.

The new University plant will be occupied in the fall of 1947 when Bob Jones College expands into a Christian university and moves from Cleveland, Tennessee.

WHAT STUDENTS SHOULD FURNISH

All students, except those residing with their parents or close relatives in the local community, are expected to live in the University dormitories. Students must supply their own bed linen, blankets, pillows, towels, etc. Boys occupy single beds. There are both single and double beds in the girls' dormitories. Students may bring any musical instruments which they play. As tennis is among the most popular sports, students will want to bring tennis rackets.

HEALTH AND PHYSICAL CARE

Health Service Every dormitory student of Bob Jones University has regular medical service included in his fees. A physician is available for the students at certain definite office hours. In case of an emergency, he may be called any hour of the day or night. Three trained nurses are resident in the university dormitories to look after the physical welfare of the women students. City hospitals with trained staffs of

physicians and attendants are available. Of course, operations, X-rays, setting of fractures, specialists' fees, and such extra services are not included in the regular medical fee, but will be paid for by the student.

RELIGIOUS SERVICES

Sunday School Sunday school is held on the campus each Sunday. Classes are formed according to the regular denominations, and students attend the class of their own denomination, where they are taught by teachers of their own choice.

Sunday Morning Worship The Sunday morning worship is a regular feature of the University religious program. Every dormitory student is required to attend the Sunday morning worship service except young ministers who are away conducting services. There is a regular choir which presents special music. The message is brought by the founder, the president, some minister who is a member of the faculty, or a visiting clergyman. The morning worship service is broadcast over the local station.

Vespers The Sunday vesper service is probably the best known of all the religious services of Bob Jones University. It presents members of the faculty and students of the divisions of speech and music in a sacred program. Occasionally, a religious drama is presented by the division of speech. These services are both devotional and cultural, and attract many visitors.

Young People's Societies The various denominational groups—Christian Endeavor, Baptist Student Union, Methodist Youth Fellowship, Interdenominational Student Union, etc.—hold their regular meetings each Sunday afternoon following the vesper service.

Sunday Evening Worship Students are encouraged to attend Sunday evening worship at the church of their own denomination in the local community.

Chapel Services One of the most interesting features of Bob Jones University is the forty-five minute chapel service held every morning from Monday through Saturday. These services are a source of great inspiration to the students. Four days a week the chapel message is brought by the founder when he is on the campus, and in his absence by selected speakers. On Monday the student body conducts the chapel program. On Saturday a prayer and praise service is held. Attendance is compulsory at all chapel services.

STUDENT ORGANIZATIONS

Literary Societies There are no fraternities or sororities on the Bob Jones University campus, but there are twenty flourishing literary societies. Every student is eligible for membership in one of these groups. The Alpha Omega Delta, William Jennings Bryan, Chi Delta Theta, Epsilon Zeta Chi, Nu Delta Chi, Phi Beta Chi, Pi Epsilon Phi, Pi Gamma Delta, Phi Kappa Pi and Theta Kappa Nu societies are for men. The Alpha Gamma Tau, Chi Kappa Delta, Chi Sigma Phi, Pi Theta Epsilon, Sigma Kappa Rho, Sigma Lambda Delta, Tri Sigma, Theta Delta Omicron, Theta Mu Theta, and Zeta Tau Omega societies are for women.

Pan Hellenic Council The Pan Hellenic Council is composed of the president and one representative of each of the literary societies. The purpose of the Council is to guide and control the activities of the literary societies.

Life Service Band This organization includes those students other than ministerial students who have dedicated their lives to full-time Christian work. It sponsors such projects as child evangelism, prayer meetings in local homes, tract distribution, and the like.

The Mission Prayer Band The Mission Prayer Band is composed of those students who have been definitely called to the foreign mission field. The objective of the group is to stimulate missionary vision and zeal on the campus.

The Ministerial Association The Ministerial Association is a band of students who have been called into the ministry. The association aims to promote in every way possible the work of the kingdom of God.

Denominational Organizations The various religious denominations have their own young people's societies and Sunday school classes. Students are urged to attend the meetings of the denominational group with which they have been affiliated at home.

The Choral Society The Choral Society consists of students carefully selected for their musical talent. The best choral music, accompanied and unaccompanied, is studied. The club appears in several formal concerts during the year, often with outstanding guest soloists.

Orchestra The University symphony maintains high stand-

ards of performance and provides excellent instrumental experience for students. Membership is limited only in that the balance and proficiency of the ensemble be maintained. This orchestra plays at vesper services, at recitals, at the opera performances and at various other programs during the school year.

Ensembles Students are given the opportunity to participate in vocal, string, and brass ensembles which appear on vesper services and various other programs throughout the school year.

The Classic Players The Classic Players are possibly the most outstanding college Shakespeare repertoire group in the world. Membership is open to students who show talent or ability in public try-outs.

The Opera Chorus Each year the University through its music and speech divisions presents two of the great operas. Guest artists are sometimes featured in the stellar roles, and the chorus is made up of students who show the requisite ability in try-outs.

SPECIAL ADVANTAGES

Bible Conference The annual Spring Bible Conference is one of the outstanding features of the University year. Running for eight days, the Conference brings to the campus America's outstanding orthodox Bible teachers, pastors, and evangelists. Among the speakers of recent years have been Dr. H. A. Ironside, Dr. George McNeely, Dr. Robert G. Lee, Dr. Louis S. Bauman, Dr. James McGinlay, Dr. Roy Brown, Dr. Vance Havner, Dr. Bob Shuler, and Dr. Harry Hager. All regular academic work is suspended for the Bible Conference which takes the place of a spring vacation.

Artist Series and Recitals The students of Bob Jones University have the opportunity of hearing, in the course of the year, a number of outstanding artists—musicians and lecturers—who are presented on the Artist and Celebrity Series. In addition, there are recitals by members of the faculty of the divisions of speech and music which are also included in the Artist Series. The matriculation fee provides each student with a season ticket.

Radio Talented students have an opportunity for radio appearances on the University broadcasts. The University broadcasts from its own studios over the local station.

Contests Various music and speech contests are held at commencement and medals are awarded to the winners.

PUBLICATIONS

"The Fellowship News" is a paper published weekly at the University. It is the official publication of the international organization of Young People's Fellowship Clubs and the Gospel Fellowship Association.

"The Vintage" is the University annual, published by the students.

"Little Moby's Post" is the alumni publication, distributed quarterly by the Alumni Association.

EXPENSES

Tuition per semester	\$125.00
Room and board per semester	172.50
Piano practice fee per semester	3.00
Voice practice fee per semester	3.00
Pipe organ practice fee per semester	12.50
Home economics foods class laboratory fee per semester	5.00
Matriculation fee per semester	25.00
Aeronautics tuition per semester (in addition to the regular tuition; includes flight instruction to average 15 hours dual and 35 hours solo to be given over a period of two semesters)	150.00
Flight Instruction only (dual)	\$8.00 per hour
Flight Instruction only (solo)	6.00 per hour

GRADUATION FEES

Business College	\$ 2.00
Bachelor's degree	12.50
Master's degree	17.50
Doctor's degree	25.00

These fees include diploma and rental of academic costume.

It is customary in most schools to charge science laboratory fees, library fees, medical fees, etc. In Bob Jones University these are included in the \$25.00 matriculation fee, as are the University yearbook, admission to all University programs, concerts, recitals, and athletic activities. The medical service included in this fee covers doctors' campus calls and care in the University infirmary. Of course, opera-

tions, X-rays, setting of fractures, specialists' fees, and such extra services are not included, but must be paid for by the student. The matriculation fee is payable upon registration at the beginning of each semester, as are the piano, voice, and pipe organ practice fees, and the home economics foods class laboratory fee. **BOB JONES UNIVERSITY MAKES NO ADDITIONAL CHARGE FOR INSTRUCTION IN MUSIC, SPEECH, OR ART.**

The expenses (\$595) for room, board, and tuition for the school term of two semesters may be paid, if the student desires, one-ninth when registering, and one-ninth every four weeks thereafter until nine payments have been made. If the student prefers, he may pay the \$595 in ten equal installments of \$59.50 each. The tenth installment, however, must be paid before final examinations.

Since the faculty is employed by the year and since students' reservations are held by the University with the expectation that the student will remain for at least one full semester, every student who leaves before the end of a semester for any reason whatever (either voluntary withdrawal or expulsion) will owe the tuition for the entire semester and will owe for his room and board through the school month in which he withdraws, since all payments are due in advance. Should a student leave the University for any reason after having paid more than the amounts outlined above, a refund will be made him for any overpayment, but no other refunds will be made to a student for any reason. Should a student who is paying his account on the ten-payment basis leave the University for any reason, he will owe the balance remaining on the semester's tuition and the proportionate amount of room and board to the end of the school month in which he withdraws, based on a term of nine months.

It is understood that the above terms are accepted as part of the contract by the student and his parent or guardian when he registers at Bob Jones University.

SCHOLARSHIPS

Work-loan scholarships are available to students whom the University is willing to accept in the amounts of \$5.00, \$10.00, \$12.50, \$15.00, \$17.50, \$20.00, \$22.50, \$25.00, and a few in the amount of \$27.50 a month, provided these students can honestly sign a statement that they are not

able to pay in full. As an example of how the scholarship works, any student receiving a \$17.50 a month scholarship for nine months would have \$157.50 (\$17.50 for nine months) deducted from the total of \$595.00. This would leave a balance of \$437.50, which could be paid in ten equal installments of \$43.75 each.

ACADEMIC INFORMATION

Detailed information is given below concerning the requirements for admission to all undergraduate schools of the University, the general scholarship regulations of all schools of the University, and the general requirements for baccalaureate degrees, which apply to all undergraduate schools of the University. The requirements for admission to the graduate schools of the University, as well as the requirements for the Master's and Doctor's degrees, are given under the School of Fine Arts and the School of Religion.

REQUIREMENTS FOR ADMISSION

All candidates for admission to any of the undergraduate schools of the University must give satisfactory evidence of good character, and all students transferring from other schools must present a statement of honorable dismissal.

Admission to the Freshman Class

Students from accredited high schools will be admitted to the freshman class upon receipt of a properly certified statement from the principal of the high school showing that at least 15 units of acceptable work have been completed. (A unit is defined as 5 periods of at least 45 minutes each week for 36 weeks.)

This statement should be forwarded directly from the principal to the registrar of the University before the opening of school. Blanks for this purpose will be sent to the high school by the University.

Candidates should present as a minimum the following units of credit:

- 3 units of English
- 2 units of a foreign language
- 2 units of mathematics
- 1 unit of history
- 1 unit of a laboratory science
- Sufficient additional units to make a total of 12

academic units (English, foreign language, mathematics, history and social science, natural sciences), and 15 total units.

Not more than 3 units in non-academic subjects can be accepted.

Students who do not present 2 units in one foreign language are able to remove this deficiency by meeting certain special requirements in college.

Students who do not present 1 unit of a laboratory science will be required to take a laboratory science in college.

Students who present 15 units but who are deficient in some specified unit will be admitted, but the deficiency must be removed before the student will be given any classification other than freshman. Students who meet the entrance requirements, but are not prepared to do work in certain subjects they wish to take may be required to take preparatory courses in the Academy.

Students who are graduates of unaccredited high schools and mature students whose work has been irregular will be given certain general tests at the beginning of school, and upon the recommendation of the examining committee will be enrolled and placed on probation for one semester. If such students meet the educational requirements of the University during this time they may be allowed to continue their work. All entrance requirements must be met before such students may become candidates for degrees.

Admission of Service Men

Any man or woman who served in the active military or naval service after September 16, 1940, and prior to the termination of the war is entitled to educational benefits under the "G. I. Bill" which is the Servicemen's Readjustment Act of 1944 (Public Law 346, 78th Congress), provided he meets the provisions of this bill.

The Rehabilitation Law (Public Law 16, 78th Congress) is intended for wounded or disabled veterans who are vocationally handicapped. Bob Jones University has a contract for training veterans for a definite profession or goal. Bob Jones University is cooperating with the Veterans Administration in providing training under the "G. I. Bill" and the "Rehabilitation Law."

A limited amount of credit may be allowed according to the student's training or work done in military service. Con-

sultation with the registrar will be necessary for a student to receive this credit.

Admission to Advanced Standing

Applicants for advanced standing should have a transcript of their high school and college credits with a statement of honorable dismissal sent directly from the registrar of each institution attended to the registrar of Bob Jones University. This transcript should be sent as soon as possible after the student makes application for admission to the University. The policy of the University is that no grades of D or lower may be accepted as transferred credit. Under no circumstances may a D in a field of concentration be accepted.

In certain courses in commerce, music, or foreign languages, where satisfactory work is primarily dependent upon the development of a skill, proficiency examinations may be given to students who have previously developed the skill necessary to pass the examinations, without having had formal training in an institution of learning in those subjects. In such cases, the student may be excused from taking these courses and may be given equivalent credit for these courses upon the recommendation of the examining committee. A fee of \$3.00 will be charged for each semester hour earned by proficiency examination.

Students desiring advanced standing on the basis of academic work completed in an unaccredited institution may validate such work by examination after their arrival at the University. A fee of \$1.00 will be charged for each validation examination.

All proficiency and validation examinations must be completed by the end of the first half-semester after a student enrolls in the University.

GENERAL SCHOLARSHIP REGULATIONS

Late Registration

Students who enter late and register after the time set aside for registration will be required to pay a fee of \$3.00.

Classification of Students

Students' classification will be given on the following basis:

Freshman: Fifteen units of entrance credit.

Sophomore: At least 24 semester hours of credit and 24 quality points; all entrance deficiencies removed.

Junior: At least 58 semester hours of credit and 58 quality points.

Senior: At least 92 semester hours of credit and 92 quality points, and reasonable prospect of completing the requirements for graduation in two additional semesters of work.

Special: Mature students 21 years of age or over whose previous preparation does not entitle them to be candidates for a degree. Only a small number of special students are accepted each year.

Graduate: Possession of a Baccalaureate degree from an approved college or university.

Part Time: Students living off campus who are able to enroll for only a partial load of scholastic work. Only a limited number of part-time students are accepted.

Quality Points

Quality points will be conferred as follows, in all schools of the University:

- A 3 quality points per semester hour
- B 2 quality points per semester hour
- C 1 quality point per semester hour
- D 0 quality points per semester hour
- F -1 quality point per semester hour

Students who enter with advanced standing are required to earn as many quality points as semester hours while they are in residence at Bob Jones University. Quality points for work completed at other institutions will be granted on the basis of 1 quality point for each hour accepted by transfer.

Grading System

The following grading system is used by all Schools of the University on the undergraduate level:

- A Superior
- B Above average
- C Average
- D Passing
- E Condition
- F Failure
- I Incomplete
- X Absent from examination
- W Withdrawn
- NR Not reported
- S Satisfactory
- V Visitor

U Unsatisfactory
P Pass

Students who make an E, I, or X are required to make up or complete the work during the following half-semester. If this is not done, the grade is changed to an F, and if credit is desired for the course, it must be repeated. Students who remove an E will not receive a grade higher than a D. Students who remove an I or X will receive whatever grade the instructor feels they deserve. A small fee is charged for special examinations.

The same grading system is used on the graduate level by all Schools of the University with the exception that no grade below C is acceptable for graduate credit and the student must maintain an average of B.

Schedule of Studies

Sixteen hours of class work a semester constitute a normal load for the average student. No freshman may take more than sixteen hours during his first semester. Other students whose scholastic record is above average may be permitted to register for a limited number of additional hours upon the recommendation of the faculty adviser. Students who have work scholarships may be required to reduce their program of studies if they fail to preserve a good scholastic average or fail to do their other work satisfactorily.

Change of Course

No student may drop a course, begin a new course, or make any change in his schedule after registration is completed without the permission of the registrar. After the first week of classes, a student who makes a change in his schedule will be required to pay a fee of \$1.00 for each change made. Any student who fails to record any changes in schedule on his official registration cards may be penalized by taking an F on the course in question, loss of credit on it, or both.

Numbering of Courses

Courses numbered from 100 to 199 are given primarily for freshmen.

Courses numbered from 200 to 299 are given primarily for sophomores.

Courses numbered from 300 to 399 are given primarily for juniors.

Courses numbered from 400 to 499 are given primarily for seniors.

Courses numbered from 500 to 599 are given primarily for graduate students.

Course Credits

After the description of each course is indicated which semester it is normally offered and the amount of credit in semester hours which it carries. When necessary to distinguish between the semesters of courses which extend through both semesters, the first semester of the course will be indicated by the letter A immediately following the course number, and the second semester by the letter B immediately following the course number.

Credit is given in terms of semester hours, a semester hour being defined as 18 hours of class work or 36 hours of laboratory work. Therefore, a class which meets for class work 3 hours a week for a semester will ordinarily give 3 semester hours credit. A class which meets for class work 3 hours a week and for laboratory work 2 hours a week will give 4 semester hours credit.

Course Enrollments

No course will be offered in any of the undergraduate schools unless there is an enrollment for it of at least 5 persons. No course will be offered in any of the graduate schools unless there is an enrollment for it of at least 3 persons, with the exception, of course, of the special individual research which is offered to qualified students as explained on pages 72, 73, 74, 97 and 98.

Course Offerings

Although the schedule of courses as presented in this catalogue is meant to be as nearly as possible an accurate account of the courses to be offered, the University reserves the right to make any necessary changes at any time in the courses to be offered, amount of credit to be given, or any other details.

GENERAL REQUIREMENTS FOR DEGREES

The University, in its various undergraduate schools, offers the Bachelor of Arts and Bachelor of Science degrees. The Bachelor of Arts degree is offered by the College of Arts and Sciences, the School of Fine Arts, and the School of

Religion. The Bachelor of Science degree is offered by the College of Arts and Sciences, the School of Fine Arts, the School of Commerce, and the School of Education.

Most students earning either of these degrees will choose two fields of concentration, one of which will be in one of the Schools of the University and the other in the College of Arts and Sciences. Exceptions to this will be (1) students who concentrate in home economics who will have both concentrations in the College of Arts and Sciences; (2) students who earn the Bachelor of Arts degree in humanities, who will take general courses as outlined on page 23 and (3) students who earn the Bachelor of Arts degree with an academic concentration, who will take the requirements for the Bachelor of Arts degree in humanities plus a single concentration of 30 semester hours in an academic field.

With the exceptions just noted, students earning the Bachelor of Arts degree will take a primary concentration of at least 30 semester hours in one of the Schools of the University and a secondary concentration of at least 24 semester hours in the College of Arts and Sciences; and students earning the Bachelor of Science degree will take a primary concentration of at least 36 semester hours in one of the Schools of the University and a secondary concentration of at least 18 semester hours in the College of Arts and Sciences.

Requirements of the different departments are listed under the departments of instruction elsewhere in the catalogue. A course completed with a grade of D cannot be counted toward a concentration in any department.

Graduate Work

Many graduates of the University go each year to graduate schools for further work leading to the Master's and Doctor's degrees. A student who plans to do this should have in mind by the end of the sophomore year in what field he plans to pursue his graduate studies, and, if possible, he should have selected the institution in which he plans to study. This will enable him to plan his work during his last two years of undergraduate study in accordance with the requirements of the graduate school he plans to enter. A student will not be recommended for graduate work unless he makes an average of B in his fields of concentration.

Professional Schools

A student who plans to enter a medical school, law school, theological seminary, or some other professional school

should consult the requirements of the particular professional school he has selected in planning his preparatory work in Bob Jones University. We do not advise a student who is interested primarily in engineering, medicine, or other technological subjects to remain in Bob Jones University beyond the sophomore year.

Residence

At least one year in residence at the University, including the last semester of the senior year, is required. If a student is in residence only one year, a full load of work must be carried and as many quality points earned as hours taken.

Semester Hours and Quality Points

At least 130 semester hours and 130 quality points must be earned for the B. A. or B. S. degree. Two-thirds of the work taken during the junior and senior years must be taken in courses numbered in the 300's and 400's.

Required Courses for the Bachelor of Arts Degree

The following courses are required of all candidates for the Bachelor of Arts degree with a primary concentration in English Bible, Christian missions, Christian education, art, piano, voice, violin, pipe organ, sacred music, interpretive speech, public speaking, dramatic production, or radio production:

English 100	6 semester hours
English 203, 204	6 semester hours
(Students who concentrate in English should substitute English 200 and 300 for these courses.)	

Foreign Language	6 to 18 semester hours
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(The student is required to complete a full year's course on the 300 level. If he has had no high school language, he will take 18 semester hours; if he continues a language of which he has taken two years in high school, he will take 12 semester hours; if he continues a language of which he has taken four years in high school, he will take 6 semester hours. If he chooses to take a language different from that which he took in high school, he will still be required to complete the 300 level course. Ministerial students are required to take 18 hours of Greek, with the exception that those who present 2 units of a foreign language in their entrance credits may substitute, if they wish, Hebrew for Greek during their third year of language study.)

History 100	6 semester hours
Mathematics or Science	6 semester hours
(That is, 6 hours of either. 3 hours of each will not be acceptable in meeting this requirement.)	

- Physical Education 100, 200 4 semester hours
(Students who are excused are required to earn the 4 hours in Physical Education 101 and 201.)
- Psychology or Philosophy 6 semester hours
(That is, 6 hours of either. 3 hours of each will not be acceptable in meeting this requirement.)
- English Bible 100, 200 4 semester hours
(A course in the Division of Religion must be elected each semester by all students. Exceptions may be made only in the case of students who have completed a concentration in one of the fields of this Division.)
- Speech 100 6 semester hours

The following courses are required of all candidates for the Bachelor of Arts degree in the humanities, or with a primary concentration in English, French, German, Italian, Latin, Russian, Spanish, history, mathematics, or science:

- English 18 semester hours
(Including En. 100, En. 203 and 204, or En. 200 and 300.)
- Foreign Language 18 semester hours
(The student is required to complete 18 semester hours on the college level, regardless of how much preparatory training he has had in language. Ministerial students are required to take 18 hours of Greek, with the exception that those who present 2 units of a foreign language in their entrance credits may substitute, if they wish, Hebrew for Greek during their third year of language study.)
- History 12 semester hours
(Including Hi. 100; the other 6 hours may be in either history or social studies at the student's option.)
- Mathematics 6 semester hours
- Science 6 semester hours
- Physical Education 100, 200 4 semester hours
(Students who are excused are required to earn the 4 hours in PE. 101 and 201.)
- Psychology 6 semester hours
- Philosophy 6 semester hours
- Bible 12 semester hours
(Including EB. 100 and 200. A course in the Division of Religion must be elected each semester by all students. Exceptions may be made only in the case of students who have completed a concentration in one of the fields of this Division.)
- Fine Arts 18 semester hours
(Including Sp. 100.)

Other Requirements for the Bachelor of Arts Degree

During the last semester of his senior year, and at least forty days before the date of graduation, a candidate for the Bachelor of Arts degree with a concentration in one of the departments of the School of Religion is required to take a

comprehensive examination covering his field of concentration.

A candidate for the Bachelor of Arts degree with a concentration in one of the departments of the School of Fine Arts is required to give a public recital, exhibition, or to complete an approved special project at an assigned time during his senior year.

Required Courses for the Bachelor of Science Degree

The following courses are required of all candidates for the Bachelor of Science degree in any School of the University:

- English 100 6 semester hours
- English 203, 204 6 semester hours
(Students who concentrate in English should substitute En. 200 and 300 for these courses.)
- Foreign Language 0 to 6 semester hours
(The student is required to complete a full year's course on the elementary level, if he does not present any units of foreign language study in his entrance credits. If he took 2 units of a foreign language in high school, he is not required to take any in college.)
- History 100 or 200 6 semester hours
- Social Studies 6 semester hours
- Mathematics or Science 6 semester hours
(That is, 6 hours of either. 3 hours of each will not be acceptable in meeting this requirement.)
- Physical Education 100, 200 4 semester hours
(Students who are excused are required to earn the 4 hours in Physical Education 101 and 201.)
- Psychology 6 semester hours
- English Bible 100, 200 4 semester hours
(A course in the Division of Religion must be elected each semester by all students. Exceptions may be made only in the case of students who have completed a concentration in one of the fields of this Division.)
- Speech 100 6 semester hours

GRADUATE DEGREES

The University offers the graduate degrees of Master of Arts, Master of Fine Arts, and Doctor of Philosophy. The Master of Arts degree is offered by the School of Religion and the School of Fine Arts. The Master of Fine Arts degree is offered by the School of Fine Arts. The Doctor of Philosophy degree is offered by the School of Religion.

Requirements for these degrees will be found below under the section of the catalogue devoted to the School of Religion and the School of Fine Arts.

College of Arts and Sciences

Laird Lewis, M. S., Dean

The Divisions and the Departments

The departments of the College of Arts and Sciences are organized into three divisions, according to the following plan:

- I. The Division of Languages and Literatures
 - The Department of English
 - The Department of Ancient Languages
 - The Department of Modern Languages
- II. The Division of Pure and Applied Sciences
 - The Department of Mathematics
 - The Department of Natural Sciences
 - The Department of Home Economics
 - The Department of Physical Education
- III. The Division of Social Sciences
 - The Department of History
 - The Department of Social Studies
 - The Department of Psychology

Requirements for Degrees

The College of Arts and Sciences offers the Bachelor of Arts degree in the humanities, the Bachelor of Arts degree with a primary concentration in English, French, German, Italian, Latin, Russian, Spanish, history, mathematics, or science, and the Bachelor of Science degree in home economics.

Requirements for the Bachelor of Arts degree in humanities are the courses outlined on page 23 plus 24 hours of electives. In choosing the electives, courses must be taken so that the student will have no more than 24 semester hours credit in any single department, including both required and elective courses. If the student elects more than 24 hours total credit in any department, only 24 hours of that credit will be applied toward the requirements for graduation.

Requirements for the Bachelor of Arts degree with a primary concentration in other fields and for the Bachelor of Science degree in home economics will be found below under the section of the catalogue devoted to the department concerned.

Every student taking a primary concentration in the School

of Religion, the School of Fine Arts, the School of Commerce, the School of Education, or in the Department of Home Economics of the College of Arts and Sciences, is required to take a secondary concentration in the College of Arts and Sciences in English, French, German, Italian, Latin, Russian, Spanish, history, mathematics, or science. Requirements for a secondary concentration in each of these departments are listed under the section of the catalogue devoted to that department.

DIVISION OF LANGUAGES AND LITERATURES

Wray Miller, Th. M., M. A., Ph. D., Chairman

The Division of Languages and Literatures of the College of Arts and Sciences includes the departments of English, ancient languages, and modern languages.

The Bachelor of Arts or Bachelor of Science degree may be earned in this division with a primary or a secondary concentration in English, Latin, French, German, Italian, Russian, or Spanish. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a degree with a concentration in the Division of Languages and Literatures is, of course, also required to meet the general requirements for his degree, as outlined on pages 39-41 and those students choosing one of the departments of the Division of Languages and Literatures as their field of secondary concentration must also take a primary concentration in one of the other schools of the University or in the department of home economics.

Divisional Courses**LL. 300—FOREIGN LANGUAGE DICTION**

A course for the study of pronunciation in French, Italian, Spanish, German, and Latin, designed especially for students concentrating in voice, who should elect it during their junior year.

First semester, two hours. No prerequisite.

LL. 301—TEACHING FOREIGN LANGUAGE IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of foreign language in the high school. Offered by the School of Education.

First semester, three hours. Prerequisite, concentration in the department of ancient or modern languages.

LL. 400—ORIGIN OF ENGLISH WORDS

The purpose of this course is to treat the Latin and Greek elements in the English language in detail, using an analytical approach to this vast field of knowledge, and making it of practical use for the student of Latin, Greek, and English. May be applied toward a concentration in English.

Both semester, two hours each semester. Prerequisite, En. 100.

DEPARTMENT OF ENGLISH

Dr. Cowen, Mr. Daugman, Miss Fyne, Mrs. Toover, Mrs. Lusk, Mr. Mercer, Mrs. Mercer, Mr. Mumme, Miss Putnam, Mr. Van Meeveren, Miss York

All students choosing English as their field of concentration are required to take En. 100, 200, and 300. Further requirements for concentration are as follows:

For a primary concentration in English the student must choose 12 additional hours which may be chosen from other courses in the department on the 300 and 400 levels, or the divisional course LL. 400.

For a secondary concentration in English, students earning the Bachelor of Arts degree must choose 6 additional hours and students earning the Bachelor of Science degree have no additional requirements to complete.

All seniors, regardless of their field of concentration, will be given an English examination during the first semester of their senior year. Those not making a satisfactory score will be required to take En. 400 during the second semester of their senior year.

En. 100—COMPOSITION

A course in grammar and the mechanics of writing, with constant practice in writing and revision. The principles of composition are treated, with practice in effective presentation of material. Readings in literature. Both semesters, three hours each semester. No prerequisite.

En. 200—ENGLISH LITERATURE

A survey of English literature from the Old English period to the present.

Both semesters, three hours each semester. Prerequisite, En. 100.

En. 201—HISTORY OF CHILDREN'S LITERATURE

A course designed primarily to acquaint prospective teachers with the historical background of literature suitable for children, material from the earliest times to the present being given consideration. Wide reading is encouraged, and the characteristics of subject-matter, literary style, and form of publication are discussed. First semester, three hours. Prerequisite, En. 100.

- En. 202—WORLD LITERATURE FOR CHILDREN
A survey course intended to provide prospective teachers with opportunity for interpretative and critical study of world literature suitable for children. The results of modern research on children's interests in reading are considered in relation to the stories and poems read. Consideration is also given to reference books, periodicals, and the principles of book selection.
Second semester, three hours. Prerequisite, En. 201.
- En. 203—MASTERPIECES OF ENGLISH LITERATURE
A course designed for the general student to acquaint him with the chief works of English literature. Not applicable toward a concentration in English.
First semester, three hours. Prerequisite, En. 100.
- En. 204—MASTERPIECES OF AMERICAN LITERATURE
A course designed for the general student to acquaint him with the chief works of American literature. Not applicable toward a concentration in English.
Second semester, three hours. Prerequisite, En. 100.
- En. 300—AMERICAN LITERATURE
A survey of American literature from the founding of the colonies to the present day.
Both semesters, three hours each semester. Prerequisite, En. 100.
- En. 301—COMPARATIVE DRAMA
A survey of the drama from ancient times to the present; dramas in languages other than English are studied in translation.
Both semesters, three hours each semester. Prerequisite, En. 100. (Offered 1946-47 and alternate years thereafter.)
- En. 302—SHAKESPEARE
A study of the comedies, historical plays, and tragedies of Shakespeare.
Both semesters, three hours each semester. Prerequisite, En. 100. (Offered 1947-48 and alternate years thereafter.)
- En. 303—EUROPEAN LITERATURE
An historical and critical survey of continental literature and culture from Ancient Greece to the present. Special emphasis on representative works from the

- various national cultures. All works read in translation. Both semesters, three hours each semester. Prerequisite, En. 100. (Offered 1947-48 and alternate years thereafter.)
- En. 304—TEACHING ENGLISH IN THE SECONDARY SCHOOL
Materials, methods, procedure, and related topics concerning the teaching of English in the high school. Offered by the School of Education. Not applicable toward a concentration in English.
First semester, three hours. Prerequisite, concentration in the department of English.
- En. 400—ADVANCED COMPOSITION AND GRAMMAR
Practice in correct and effective writing of various types of composition.
Second semester, three hours. Prerequisite, En. 100.
- En. 401—THE ENGLISH ROMANTIC POETS
A study of the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats.
First semester, two hours. Prerequisite, En. 100. (Offered 1947-48 and alternate years thereafter.)
- En. 402—THE VICTORIAN POETS
A study of the major and minor poets of the Victorian period, with special attention to Tennyson, Browning, Arnold, Rossetti, Morris, and Swinburne.
Second semester, two hours. Prerequisite, En. 100. (Offered 1947-48, and alternate years thereafter.)
- En. 403—THE NOVEL IN ENGLISH
A study of the English and American novel, with attention to historical development, technique, and tendencies of literary schools.
First semester, two hours. Prerequisite, En. 100. (Offered 1946-47, and alternate years thereafter.)
- En. 404—THE SHORT STORY
A study of the short story from ancient times to the present, with attention to development and structure.
Second semester, two hours. Prerequisite, En. 100. (Offered 1946-47 and alternate years thereafter.)

DEPARTMENT OF ANCIENT LANGUAGES

Dr. Brokenshire, Dr. Cierpke, Dr. Miller, Dr. Neal,
Mr. Overton

All ministerial students are required to take 18 hours in

the department of ancient languages. Those who do not present at least 2 units of one foreign language for entrance credit must take AL. 100, 200, and 300. Those who present at least 2 units of one foreign language for entrance credit may take the courses listed above, or may substitute AL. 310 for AL. 300.

All students choosing Latin as their field of concentration are required to take the courses on the 100 and 200 levels, unless they have already taken their equivalent in high school, in which case these courses will be waived. Further requirements for concentration are as follows:

For a primary concentration in Latin the student must choose 18 hours from the courses on the 300 and 400 levels.

For a secondary concentration in Latin, students earning the Bachelor of Arts degree must choose 12 hours and students earning the Bachelor of Science degree must choose 6 hours from the courses on the 300 and 400 levels.

All students who take Latin should be careful not to repeat a course of which they have already taken the equivalent in high school. One year of high school study is the equivalent of one semester of college study. Students should plan their language course with this in mind.

New Testament Greek

AL. 100—BEGINNERS' GREEK GRAMMAR

A mastery of the forms, syntax, pronunciation, accent, and vocabulary of the Koine Greek is the aim of this course. The second semester's work includes translation in the First Epistle of John. The student should have a good foundation in English grammar before attempting this course.

Both semesters, three hours each semester. No prerequisite.

AL. 200—SECOND YEAR GREEK

Review of grammar and 1 John; translation and analysis of the Gospel of John.

Both semesters, three hours each semester. Prerequisite, AL. 100.

AL. 300—THIRD YEAR GREEK

Advanced grammar; intensive analysis of the Thessalonian Epistles and the Apocalypse, with individual assignments for interpretation.

Both semesters, three hours each semester. Prerequisite, AL. 200.

AL. 400—FOURTH YEAR GREEK

Advanced grammar; exegetical work in Ephesians, Colossians, Philippians, Galatians, and Romans, together with individual comprehensive exegetical assignments.

Both semesters, three hours each semester. Prerequisite, AL. 200.

Old Testament Hebrew

AL. 310—BEGINNERS' HEBREW GRAMMAR

Forms and syntax, pronunciation, vocabulary, written exercises.

Both semesters, three hours each semester. No prerequisite.

AL. 410—SECOND YEAR HEBREW

Readings in Genesis and other books; syntax.

Both semesters, three hours each semester. Prerequisite, AL. 310.

Latin

AL. 120—BEGINNERS' LATIN GRAMMAR

A mastery of the forms, syntax, pronunciation, and vocabulary is the aim of the first semester's work. The student should have a good foundation in English grammar before attempting this course. Some easy reading selections in mythology are taken up the second semester.

Both semesters, three hours each semester. No prerequisite.

AL. 220—SECOND YEAR LATIN

Review of grammar; irregular verbs. Selected readings from Roman family life and Roman history; Roman biography and Caesar's Gallic Wars.

Both semesters, three hours each semester. Prerequisite, AL. 120 or two years of high school Latin.

AL. 320—THIRD YEAR LATIN

Advanced grammar. Analysis of Cicero's Orations and Letters. Analysis of selections from Pliny's Letters and Livy's History.

Both semesters, three hours each semester. Prerequisite, AL. 220 or four years of high school Latin.

AL. 420—FOURTH YEAR LATIN

Analysis of selections from Ovid's *Metamorphoses* and Vergil's *Aeneid*; analysis of selections from Sallust, Gellius, Petronius, and Quintilian.

Both semesters, three hours each semester. Prerequisite, AL. 220 or four years of high school Latin.

DEPARTMENT OF MODERN LANGUAGES

Mr. Ackerle, Mr. Barnes, Dr. Brokenshire, Dr. Cattelain,
Dr. Cierpke, Mr. Daugman, Mr. Moore,
Miss Olsson, Dr. Sebring

All students choosing French, German, Italian, Russian, or Spanish as their field of concentration are required to take the courses on the 100 and 200 levels, unless they have already taken their equivalent in high school, in which case these courses will be waived. Further requirements for concentration are as follows:

For a primary concentration in French, German, Italian, Russian, or Spanish, the student must choose 18 hours from the courses on the 300 and 400 levels.

For a secondary concentration in any of these languages, students earning the Bachelor of Arts degree must choose 12 hours, and students earning the Bachelor of Science degree must choose 6 hours from the courses on the 300 and 400 levels.

All students who take a modern language should be careful not to repeat a course of which they have already taken the equivalent in high school. In all languages, one year of high school study is the equivalent of one semester of college study. Students should plan their language courses with this in mind.

French**ML. 100—ELEMENTARY FRENCH**

Thorough drill in the fundamentals of grammar by means of oral practice and written exercises. Simple conversation based on easy texts. Some composition. Both semesters, three hours each semester. No prerequisite.

ML. 200—INTERMEDIATE FRENCH

Grammar review, study of current idioms, reading of literature of moderate difficulty, reports from French periodicals and the reading of selected portions of the Bible in French.

Both semesters, three hours each semester. Prerequisite, ML. 100 or two years of high school French.

ML. 300—EARLY NINETEENTH CENTURY FRENCH LITERATURE: ROMANTICISM

A study of the qualities of French romantic literature in comparison with the romantic movement in other European countries.

First semester, three hours. Prerequisite, ML. 200 or four years of high school French. (Offered 1947-48 and alternate years thereafter.)

ML. 301—FRENCH CONVERSATION

A course for the development of fluency in speaking French. Second semester, three hours. Prerequisite, ML. 200 or four years of high school French.

ML. 302—ADVANCED FRENCH GRAMMAR AND COMPOSITION

A course designed for those expecting to teach French. Second semester, three hours. Prerequisite, ML. 200 or four years of high school French.

ML. 400—THE SCHOOL OF 1660: FRENCH CLASSICISM

A study of the works of the great classicists, with especial emphasis upon the drama.

First semester, three hours. Prerequisite, ML. 200 or four years of high school French. (Offered 1946-47 and alternate years thereafter.)

ML. 401—FRENCH LITERATURE OF THE EARLY SEVENTEENTH CENTURY

A study of the outstanding currents of influence of the period, and the reasons for the triumph of classicism.

Second semester, three hours. Prerequisite, ML. 200 or four years of high school French. (Offered 1946-47 and alternate years thereafter.)

German**ML. 110—ELEMENTARY GERMAN**

Drill in the fundamentals of grammar with much oral practice and written work. Simple conversation based on easy texts. Composition.

Both semesters, three hours each semester. No prerequisite

ML. 210—INTERMEDIATE GERMAN

Grammar review, mastery of current idioms, reading of literature of moderate difficulty, including easier passages from the Bible in German.

Both semesters, three hours each semester. Prerequisite, ML. 110 or two years of high school German.

ML. 310—GERMAN ROMANTICISM

A study of representative plays, with lectures in German on the romantic movement. Assigned Bible readings. First semester, three hours. Prerequisite, ML. 210 or four years of high school German.

ML. 311—WAGNER'S POETICAL WORKS IN GERMAN

Wagner's principal music-dramas will be studied for their literary and dramatic content. Their musical highlights may be illustrated by recordings.

Second semester, three hours. Prerequisite, ML. 210 or four years of high school German.

ML. 410—GERMAN CLASSICISM

A study of Lessing and Goethe as leaders of the classic movement, with special emphasis on "Faust," Goethe's greatest interpretation of man's thought and life problems. First semester, three hours. Prerequisite, ML. 210 or four years of high school German.

ML. 411—GERMAN CONVERSATION

An advanced course designed for easy fluency, to be based on history, literature, and life.

Second semester, three hours. Prerequisite, ML. 210 or four years of high school German.

Italian**ML. 120—ELEMENTARY ITALIAN**

Thorough drill in the fundamentals of grammar by means of oral practice and written work.

Both semesters, three hours each semester. No prerequisite. (Offered 1947-48 and alternate years thereafter.)

ML. 220—INTERMEDIATE ITALIAN

Grammar review, study of idioms, reading of literature of moderate difficulty, and the memorizing of selections from the Bible in Italian.

Both semesters, three hours each semester. Prerequisite,

ML. 120 or the equivalent. (Offered 1946-47 and alternate years thereafter.)

ML. 320—ITALIAN CULTURE AND CIVILIZATION

A course offering instruction in Italian culture as shown in the art, literature, music, customs, and institutions of Italy from the Renaissance down to modern times. Course to be conducted in English.

First semester, three hours. No prerequisite.

ML. 321—ADVANCED ITALIAN GRAMMAR REVIEW

A course designed to aid the student in teaching Italian. Second semester, three hours. Prerequisite, ML. 220 or the equivalent.

ML. 420—TYPES OF ITALIAN LITERATURE

This course requires wide reading in Italian literature from the earliest times to the present. Course to be conducted in Italian.

First semester, three hours. Prerequisite, ML. 220 or the equivalent.

ML. 421—ITALIAN ADVANCED COMPOSITION

A course designed to aid the student in communication with Italians of culture at home or abroad.

Second semester, three hours. Prerequisite, ML. 220 or the equivalent.

Russian**ML. 130—ELEMENTARY RUSSIAN**

A careful, progressive study of modern Russian, with special attention to accuracy of pronunciation and a mastery of details of inflections, vocabulary, and syntax, together with a study of examples of the best usage, and constant practice in reading and the use of the modern Russian script.

Both semesters, three hours each semester. No prerequisite. (Offered 1947-48 and alternate years thereafter.)

ML. 230—INTERMEDIATE RUSSIAN

The study of Russian grammatical structure is continued and supplemented by the reading of interesting Russian texts. Details of inflection, syntax, and idiom are noted. An attempt is made to acquire fluency in the use of a practical and adequate vocabulary and to become fa-

miliar with the geography, history, literature, culture, religious needs and evangelistic opportunities of modern Russia.

Both semesters, three hours each semester. Prerequisite, ML. 130 or the equivalent. (Offered 1946-47 and alternate years thereafter.)

ML. 330—ADVANCED RUSSIAN

An introduction to the reading of selections from modern Russian literature, with special use of Russian newspapers and much practice in acquiring a copious colloquial vocabulary and in the use of practical conversational phrases in accurate syntactical arrangement.

Both semesters, three hours each semester. Prerequisite, ML. 230 or the equivalent.

ML. 430—RUSSIAN LITERATURE

A reading and study of the works of influential Russian authors, with a survey of the history of Russian literature.

First semester, three hours. Prerequisite, ML. 230 or the equivalent.

ML. 431—RUSSIAN CONVERSATION

An attempt to acquire a copious, practical Russian vocabulary, especially in the field of evangelical religious work.

Second semester, three hours. Prerequisite, ML. 230 or the equivalent.

Spanish

ML. 140—ELEMENTARY SPANISH

The elements of grammar, careful training in pronunciation, reading of easy prose, and composition.

Both semesters, three hours each semester. No prerequisite.

ML. 240—INTERMEDIATE SPANISH

Review of grammar, the study of contemporary authors, reports on parallel reading, and conversational exercises.

Both semesters, three hours each semester. Prerequisite, ML. 140 or two years of high school Spanish.

ML. 340—SPANISH LITERATURE OF THE NINETEENTH CENTURY

The reading of representative novels of the period;

theme work in Spanish; exercises in conversation and parallel reading.

First semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

ML. 341—SPANISH DRAMA OF THE NINETEENTH CENTURY

The reading of plays by Tamayo y Baus, Galdos, and other leading dramatists. Parallel reading with written reports.

Second semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

ML. 342—SURVEY OF SPANISH AMERICAN LITERATURE

A study of the representative writers and principal literary works of Mexico, Central and South America, and the Antilles with emphasis on Mexican Literature.

First semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

ML. 343—SPANISH CONVERSATION

A course designed for the development of fluency in speaking Spanish.

Second semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

ML. 440—SPANISH LITERATURE OF THE GOLDEN AGE

The reading of the picaresque novel, works by Cervantes, such as "Don Quijote" and "Novelas Ejemplares" and a survey of the literature of this period.

First semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

ML. 441—SPANISH DRAMA OF THE GOLDEN AGE

Plays by Lopez de Vega, Tirso de Molina, Calderon, and Ruiz de Alarcon.

Second semester, three hours. Prerequisite, ML. 240 or four years of high school Spanish.

DIVISION OF PURE AND APPLIED SCIENCES

Francis E. West, M. S., Sc. D., Chairman

The Division of Pure and Applied Sciences of the College of Arts and Sciences includes the departments of mathematics, natural sciences, home economics, and physical education.

The Bachelor of Arts degree may be earned in this Division with a primary or a secondary concentration in mathematics or in science. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

The Bachelor of Science degree may be earned in this Division with a primary concentration in home economics. Detailed information concerning the requirements for this concentration will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a degree with a concentration in the Division of Pure and Applied Sciences is, of course, also required to meet the general requirements for his degree, as outlined on pages 39-41 and those students choosing one of departments of the Division of Pure and Applied Sciences as their field of secondary concentration must also take a primary concentration in one of the other schools of the University or in the department of home economics.

DEPARTMENT OF MATHEMATICS

Mr. Sherman, Mr. Warwick

All students choosing mathematics as their field of concentration are required to take Ma. 102, 103, 300, and 301. Further requirements for concentration are as follows:

For a primary concentration in mathematics, the student must choose 18 hours from other courses listed under the department of mathematics. In certain cases, upon the recommendation of the heads of the departments of mathematics and of science, Sc. 104 or Sc. 200 may be applied toward a concentration in mathematics.

For a secondary concentration for students earning the Bachelor of Arts degree, 12 additional hours must be chosen. In certain cases, upon the recommendation of the heads of the departments of mathematics and of science, Sc. 104 or Sc. 200 may be applied toward a concentration.

For a secondary concentration for students earning the

Bachelor of Science degree, 6 additional hours must be chosen. No courses in the department of science may be applied.

Ma. 100—SUB-FRESHMAN ALGEBRA

A course for students who do not present sufficient mathematics in their entrance credits.

Both semesters, three hours per week, one-half unit entrance credit each semester. No prerequisite.

Ma. 101—SUB-FRESHMAN PLANE GEOMETRY

A course for students who do not present sufficient mathematics in their entrance credits.

Both semesters, three hours per week, one-half unit entrance credit each semester. No prerequisite.

Ma. 102—COLLEGE ALGEBRA

Proportions, progressions, theory of equations, probability.

First semester, three hours. Prerequisite, Ma. 100.

Ma. 103—TRIGONOMETRY

Solution of the triangle and the use of logarithms in computation; trigonometric identities.

Second semester, three hours. Prerequisite, Ma. 100, 101.

Ma. 104—SOLID GEOMETRY

A study of selected topics in solid geometry.

First semester, three hours. Prerequisite, Ma. 101.

Ma. 105—BUSINESS MATHEMATICS

Mathematics from the standpoint of its use in the business world. The basic operations of arithmetic, fractions, percentage, interest, and advanced problems in this field are studied, with practical applications. Not applicable toward a concentration in mathematics.

First semester, three hours. No prerequisite.

Ma. 106—GENERAL ARITHMETIC

A study of the fundamental principles of mathematics, including the basic operations of arithmetic, fractions, decimals, and the like, with practical applications especially for the elementary school teacher. Not applicable toward a concentration in mathematics.

Second semester, three hours. No prerequisite.

- Ma. 200—ADVANCED PLANE AND SPHERICAL TRIGONOMETRY
Applications to surveying, navigation, and astronomy. First semester, two hours. Prerequisite, Ma. 102, 103.
- Ma. 201—ANALYTIC GEOMETRY
The study of the straight line, circle, parabola, ellipse, and hyperbola. Second semester, two hours. Prerequisite, Ma. 103.
- Ma. 300—DIFFERENTIAL CALCULUS
The study of the slope of a curve. First semester, three hours. Prerequisite, Ma. 201.
- Ma. 301—INTEGRAL CALCULUS
The study of the area under a curve. Second semester, three hours. Prerequisite, Ma. 300.
- Ma. 302—TEACHING MATHEMATICS IN THE SECONDARY SCHOOL
Materials, methods, procedure, and related topics concerning the teaching of mathematics in the high school. Offered by the School of Education. Not applicable toward a concentration in mathematics. First semester, three hours. Prerequisite, concentration in the department of mathematics.
- Ma. 400—STATISTICS
A first course in statistical method dealing with various topics concerning the theoretical and practical uses of statistics. Second semester, two hours. Prerequisite, Ma. 300.
- Ma. 401—ADVANCED CALCULUS
First semester, two hours. Prerequisite, Ma. 301.
- Ma. 402—THEORETICAL AND APPLIED MECHANICS
Velocity, acceleration, force, and energy studied from the calculus standpoint. First semester, two hours. Prerequisite, Ma. 300, Sc. 200.

DEPARTMENT OF NATURAL SCIENCES

Miss E. McKenzie, Mr. Sherman, Dr. Stout,
Mr. Waite, Dr. West

For a primary concentration in science, the student must choose 30 hours. For a secondary concentration in science, students earning the Bachelor of Arts or Bachelor of Science degree must choose 24 hours.

- Sc. 100—GENERAL SCIENCE
A non-laboratory course for students who have had a laboratory science in high school, and plan to take only one year of science in college. The more essential and practical phases of chemistry, physics, geology, astronomy, botany, zoology, and physiology are covered. Not applicable toward a concentration in science. Both semesters, three hours each semester. No prerequisite.
- Sc. 101—BIOLOGY: BOTANY
A study of the principal groups of plants with emphasis upon the chemical and physical processes underlying growth. Three lectures and one laboratory period a week. First semester, four hours. No prerequisite.
- Sc. 102—BIOLOGY: ZOOLOGY
A study of the principal phyla of animals. Three lectures and one laboratory period a week. Second semester, four hours. No prerequisite.
- Sc. 103—GENERAL INORGANIC CHEMISTRY
An introduction to the field of inorganic chemistry. A course for the general student; no previous knowledge of chemistry is required. Emphasis is placed upon the theories and laws governing chemical reactions and the later developments in atomic structure. Three lectures and one laboratory period a week. Both semesters, four hours each semester. No prerequisite.
- Sc. 104—GENERAL ASTRONOMY
A descriptive and mathematical study of the weather, navigation, planets, and stars. Both semesters, three hours each semester. No prerequisite.
- Sc. 200—GENERAL PHYSICS
Such topics as motion, velocity, acceleration, heat, electricity, magnetism, induced currents, wave motion, sound, harmony and discord, light, color, optical instruments, etc., will be discussed, and demonstrations and experiments performed in the laboratory. Three lectures and one laboratory period a week. Both semesters, four hours each semester. Prerequisite, Ma. 102, 103, or the equivalent.

Sc. 201—QUALITATIVE ANALYSIS

Planned primarily for the student who desires to concentrate in science, and for pre-medical students and those concentrating in home economics. Two lectures and two laboratory periods a week.
First semester, four hours. Prerequisite, Sc. 103 or the equivalent.

Sc. 202—QUANTITATIVE ANALYSIS

A quantitative determination of rocks, chemical compounds and minerals by both the volumetric and gravimetric methods. Two lectures and two laboratory periods a week.
Second semester, four hours. Prerequisite, Sc. 201.

Sc. 300—GENERAL PHYSIOLOGY

A general course with special attention to the functions of the various organs of the body and the function of hormones, vitamins, enzymes, etc. Designed primarily for students interested in nursing, home economics, and laboratory technology. Two lectures and one laboratory period a week.
Both semesters, three hours each semester. Prerequisite, Sc. 103 or the equivalent.

Sc. 301—ORGANIC CHEMISTRY

A beginning course in organic chemistry. A study of the aliphatic organic compounds such as alcohols, aldehydes, acids, ketones, and products of the paraffin series such as gasoline, kerosene, oils; also other compounds such as tetraethyl lead, chloroform, ether, sugars, etc.; the determination of molecular weights, refraction, etc.; the aromatic organic compounds such as benzene and isomerism of benzene derivatives; also toluene, xylene, aniline, diazo and azo compounds, sulphanic acid, phenol, anthracene; vegetable alkaloids such as nicotine, quinine, stropine, cocaine; novocaine, strychnine, malachite green, etc. Three lectures and one laboratory period each week.
Both semesters, four hours each semester. Prerequisite, Sc. 201, 202.

Sc. 400—BACTERIOLOGY

A beginning course planned primarily for students taking pre-medical, home economics, or nursing courses. Two lectures and one laboratory period a week.
First semester, three hours. Prerequisite Sc. 101, 102.

DEPARTMENT OF HOME ECONOMICS

Mrs. Jones, Mrs. Lee, Miss E. McKenzie

The requirements for a primary concentration in the department of home economics are 36 hours, including HE. 100, 101, 102, 201, 300, 301, and 400. The remaining 9 hours may be chosen from other courses listed under the department of home economics. Other courses required of students concentrating in home economics are Sc. 101, 102, 103 or 201 and 202, and 300 or 400. Ps. 200 and 300 are required in fulfillment of the general requirement in psychology. SS. 201 or 400 should be chosen in fulfillment of the general requirement in social studies.

A secondary concentration is not offered in the department of home economics.

HE. 100—CLOTHING CONSTRUCTION

This course includes the application of the principles of color and design to the individual; study and use of materials, patterns, and the fundamental principles of selection and construction of wash garments.
Both semesters, three hours each semester. No prerequisite. (Offered 1947-48 and alternate years thereafter.)

HE. 101—FOOD PREPARATION

A study of the composition and selection of food products, food legislation, and the preparation and serving of meals in the home. Laboratory fee, \$5.00.
First semester, three hours. No prerequisite. (Offered 1946-47 and alternate years thereafter.)

HE. 102—MEAL PLANNING AND TABLE SERVICE

Meal preparation; table service for all occasions; marketing; food cost. Laboratory fee, \$5.00.
Second semester, three hours. Prerequisite, HE. 101. (Offered 1946-47 and alternate years thereafter.)

HE. 103—HOMEMAKING

A survey course designed especially for students of the department of elementary education. It includes work in nutrition, gardening, food conservation, housing, clothing, and consumer education.
Second semester, three hours. No prerequisite.

HE. 200—HOUSEHOLD DESIGN

Application of the fundamental principles of design in

color to housing and household problems. The purpose of this course is to develop an appreciation of beauty and an intelligent standard for good taste.
First semester, three hours. No prerequisite.

HE. 201—HOME FURNISHINGS

Study of period interiors and architectural design, application of art principles to room decoration, individual planning of a moderate cost home.
Second semester, three hours. No prerequisite.

HE. 202—NUTRITION

The study of the essential factors of an adequate diet, and the relation of food selection to health; practice in dietary planning.
Both semesters, three hours. Prerequisite, HE. 101, 102.

HE. 203—HOME ENTERTAINING

This course deals with the art of being a hostess, and the planning, preparation, and service of meals suitable for entertaining, including both formal and informal service. Laboratory fee, \$5.00.
First semester, three hours. No prerequisite.

HE. 300—HOME NURSING

Techniques employed in caring for the sick at home. Care of the sick room, symptoms, diet, simple treatment, emergencies. Relation of the home care of the sick to community welfare.
First semester, three hours. No prerequisite.

HE. 301—CHILD CARE

Development and training of the child through the activities of family life. Study and observation of training procedures in the children's laboratory.
Second semester, three hours. No prerequisite.

HE. 302—CONSUMER PROBLEMS

Factors important to the homemaker including the standardization of merchandise, grading, branding and labeling, specifications, advertising, and specific household commodity information.
First semester, three hours. No prerequisite.

HE. 303—CLOTHING SELECTION

Selection and buying of clothing, application of principles of design, economic problems in meeting clothing

needs.

Second semester, three hours. Prerequisite, HE. 100.

HE. 400—HOME MANAGEMENT

Budgeting and household account keeping, management of time, hospitality in the home. Residence of six weeks in the home economics house is required. Seminar work.

First semester, six hours. Prerequisite, concentration in the department of home economics. (Offered 1946-47 and alternate years thereafter.)

HE. 401—METHODS OF TEACHING HOMEMAKING CLASSES FOR ADULTS

A survey of recent developments in adult education with special emphasis upon the field of homemaking education. A study of the promotion and organization of classes, teaching techniques, and materials for adult classes in the vocational home economics program.
Second semester, three hours. Prerequisite, concentration in the department of home economics.

HE. 402—HOUSING AND HOME IMPROVEMENT

Factors influencing the solution of the problem of providing housing for the family. Special attention to low-cost housing, cost, financing the home, planning the home, and home maintenance.
Both semesters, three hours each semester. No prerequisite.

HE. 403—CHILD DEVELOPMENT AND FAMILY RELATIONS

A discussion of the behavior of young children and factors which operate in their guidance and development. Social and emotional development, language, and habit formation are especially emphasized. A discussion of the patterns of the family life and family management problems arising today in such group relationships.
Both semesters, three hours each semester. No prerequisite.

DEPARTMENT OF PHYSICAL EDUCATION

Mr. Afman, Mr. Holmes, Mr. Howey
Miss Pope, Mrs. Scripps

All dormitory students, except seniors, those excused by a physician, and those 25 years of age or over, are required

to take PE. 100, 200, and 300. Those excused by a physician are required to take PE. 101 and 201. Instruction is given in marching, tactics, tumbling, games, gymnastics, health, relays, and a variety of sports—both individual and team—some of which are soccer, volley ball, basket ball, baseball, track, archery, ping-pong, horseshoes, and tennis.

A program of intramural sports is provided for both men and women students. Competition is offered in many sports. By providing a sequence of athletic games, the intramural division, aside from the regular class work, maintains the finest form of diversion and wholesome recreation throughout the school year. Effort is made to reach every student in the university with the objective of creating a liking for a sport that will carry over from his college days into his later life. The grouping of teams makes possible a friendly form of rivalry which possesses many inherent social values as well as contributing to school spirit.

Neither a primary nor a secondary concentration is offered in the department of physical education.

PE. 100—FRESHMAN PHYSICAL EDUCATION

Required of all freshmen except those excused as outlined above.

Both semesters, one hour each semester. No prerequisite.

PE. 101—HYGIENE

A classroom course in the fundamentals of personal and community hygiene. Required of students who are excused from PE. 100.

Both semesters, one hour each semester. No prerequisite.

PE. 200—SOPHOMORE PHYSICAL EDUCATION

Required of all sophomores except those excused as outlined above.

Both semesters, one hour each semester. No prerequisite.

PE. 201—FIRST AID

A practical course in the essentials of first aid, following the course outlined by the Red Cross. Required of students who are excused from PE. 200.

Both semesters, one hour each semester. No prerequisite.

PE. 202—HEALTH EDUCATION

This course is planned primarily for students of the de-

partment of elementary education in the School of Education. It emphasizes personal and community hygiene, including health examinations and follow-up, remediable sensory defects, nutrition, posture, detection and control of communicable diseases.

Both semesters, three hours each semester. No prerequisite.

PE. 203—PHYSICAL EDUCATION FOR ELEMENTARY TEACHERS

This course is planned especially for students of the department of elementary education in the School of Education. It includes a study of methods and materials used in teaching conditioning exercises, stunts, and tumbling. Story plays and mimetics, folk rhythms, elementary team games, singing games.

Both semesters, one hour each semester. No prerequisite.

PE. 300—JUNIOR PHYSICAL EDUCATION

Required of all juniors except those excused as outlined above.

Both semesters, no credit. No prerequisite.

DIVISION OF SOCIAL SCIENCES

Hal D. Carruth, M. A., Ph. D., Chairman

The Division of Social Sciences of the College of Arts and Sciences includes the departments of history, social studies, and psychology.

The Bachelor of Arts degree may be earned in this Division with a primary or a secondary concentration in the combined departments of history and social studies. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to these departments.

The Bachelor of Science degree may be earned in this Division with a secondary concentration in history. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to that department.

Each student earning a degree with a concentration in the Division of Social Sciences is, of course, also required to meet the general requirements for his degree, as outlined on pages 39-41 and those students choosing one of the departments of the Division of Social Sciences as their field of secondary concentration must also take a primary concentration in one of the other Schools of the University or in the department of home economics.

Divisional Course**SS. 400—TEACHING THE SOCIAL SCIENCES IN THE SECONDARY SCHOOL**

Materials, methods, procedure, and related topics concerning the teaching of the social sciences in the high school. Offered by the School of Education. Not applicable toward a concentration in history.

First semester, three hours. Prerequisite, concentration in the department of history.

DEPARTMENT OF HISTORY

Mr. Adam, Dr. Carruth, Dr. Cierpke

All students choosing history as their field of concentration are required to take Hi. 100 and 200. Further requirements are as follows:

For a primary concentration in history, the student must choose 18 additional hours from other courses listed under the department of history. A maximum of 6 hours from the de-

partment of social studies may be elected toward a concentration in history.

For a secondary concentration for students earning the Bachelor of Arts degree, 12 additional hours must be chosen. A maximum of 6 hours from the department of social studies may be elected toward a concentration in history.

For a secondary concentration for students earning the Bachelor of Science degree, 6 additional hours must be chosen. No courses in the department of social studies may be elected.

Hi. 100—HISTORY OF CIVILIZATION

An orientation course for all college freshmen. Survey of the history of mankind from the earliest times to the present.

Both semesters, three hours each semester. No prerequisite.

Hi. 200—UNITED STATES HISTORY

American history from 1492 to the present. An introductory course designed for those who desire a general knowledge of American history.

Both semesters, three hours each semester. No prerequisite.

Hi. 300—EUROPE IN THE NINETEENTH CENTURY

A detailed study of the history of Europe from the fall of Napoleon to the outbreak of World War I. Modern nationalism, militarism, and imperialism, and their influence upon international affairs and upon the forms of international relationships are studied.

First semester, three hours. Prerequisite, Hi. 100. (Offered 1947-48 and alternate years thereafter.)

Hi. 301—RECENT AND CONTEMPORARY EUROPE

This course begins with a thorough study of the background of World War I. It continues with a critical appraisal of the peace settlement of Versailles and of subsequent attempts to maintain peace and strengthen political and economic cooperation. The developments leading to World War II, the war itself, and the post-war problems are finally studied. A review of world events is conducted each week.

Second semester, three hours. Prerequisite, Hi. 100. (Offered 1947-48 and alternate years thereafter.)

Hi. 302—THE MIDDLE AGES

A brief survey of the history of Europe from the dis-

solution of the Roman Empire to the opening of the modern period.

First semester, three hours. Prerequisite, Hi. 100. (Offered 1946-47 and alternate years thereafter.)

Hi. 303—THE REFORMATION

A detailed study of this period of change and transition and of its leading figures. Special attention is given to the political, economic, social, and religious aspects of the period.

Second semester, three hours. Prerequisite, Hi. 100. (Offered 1946-47 and alternate years thereafter.)

Hi. 400—ENGLISH HISTORY

A survey of English history from the earliest times to the present.

Both semesters, two hours each semester. Prerequisite, Hi. 100. (Offered 1947-48 and alternate years thereafter.)

Hi. 401—LATIN AMERICAN HISTORY

A study of Spanish and Portuguese exploration and colonization in America, the Wars of Liberation, the struggle of the colonies for independence, and the history of some of the more important Latin American republics to the present time.

Both semesters, two hours each semester. Prerequisite, Hi. 100, 200. (Offered 1946-47 and alternate years thereafter.)

DEPARTMENT OF SOCIAL STUDIES

Dr. Carruth, Mr. Lewis, Mr. Warwick, Mrs. Wyman

A concentration in the department of social studies is not offered, but courses in this department may be applied toward a concentration in history in accordance with the requirements as given on pages 66 and 67.

SS. 200—ELEMENTS OF GEOGRAPHY

This course is designed for prospective teachers of geography, as well as for those who desire to pursue the study of history, economics, or sociology.

Both semesters, three hours each semester. No prerequisite.

SS. 201—PRINCIPLES OF SOCIOLOGY

A study of the development, structure, and functioning

of human groups; the relation of group activities to cultural development and personality; the nature of social interaction and the principal social processes; social change and the problems resulting from it.

Both semesters, three hours each semester. No prerequisite.

SS. 300—AMERICAN GOVERNMENT

A survey of the structure and function of the various departments of our national government.

Both semesters, three hours each semester. No prerequisite.

SS. 400—PRINCIPLES OF ECONOMICS

This course furnishes a basic introduction to the science of economics. It deals with the principles of production and exchange, business organization and combination, the distribution of the national income, the principles of money, credit, banking, foreign trade and exchange, and business cycles.

Both semesters, three hours each semester. No prerequisite.

DEPARTMENT OF PSYCHOLOGY

Dr. Cowen, Mr. Lewis, Mr. C. Moore, Mr. Smith

Neither a primary nor a secondary concentration is offered in the department of psychology.

Ps. 200—GENERAL PSYCHOLOGY

A course to acquaint the student with the fundamental conditions and facts of conscious behavior, including the physiological basis of behavior, native traits, emotions, feelings, sensations, learning, habit formation, memory, and perception.

First semester, three hours. No prerequisite.

Ps. 201—EDUCATIONAL PSYCHOLOGY

An elementary study of psychology as applied to education, to include the items of original tendencies, laws of learning, amount, rate, limit, conditions, spread and permanence of improvement, mental work and fatigue, individual differences.

Second semester, three hours. No prerequisite.

Ps. 300—PSYCHOLOGY OF CHILDHOOD

The purpose of this course is to afford the prospective

teacher an opportunity to secure a scientific knowledge of the mental and physical development of the child. Some topics: results of recent investigations in growth and development during infancy and childhood; physical, mental, and other phases of growth; origin and development of child behavior; language development; learning and habit formation; child hygiene; guidance and conscience; guidance and control. First semester, three hours. No prerequisite.

Ps. 301—PSYCHOLOGY OF ADOLESCENCE

This course is designed especially for students who plan to be high school teachers, Christian workers, and for others who expect to work with young people. Some topics: The meaning and significance of adolescence; development—physical, mental, motor, social, moral, and religious; emotional behavior; aptitudes and interests; personal disturbances and maladjustments; mental hygiene; guidance and control.

Second semester, three hours. No prerequisite.

School of Religion

Charles D. Brokenshire, M. A., B. D., D. D., Dean

The Divisions and the Departments

The departments of the School of Religion are organized into four divisions, according to the following plan:

- I. The Division of Biblical Studies
 - The Department of English Bible
 - The Department of Biblical Languages
- II. The Division of Historical Studies
 - The Department of Biblical History
 - The Department of Church History
- III. The Division of Practical Studies
 - The Department of Christian Education
 - The Department of Christian Missions
- IV. The Division of Theological Studies
 - The Department of Philosophy
 - The Department of Theology

Requirements for the Bachelor of Arts Degree

The School of Religion offers to undergraduate students the degree of Bachelor of Arts with a primary concentration in English Bible, Christian education, or Christian missions.

The requirements for concentration in these departments will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a Bachelor of Arts degree with a concentration in the School of Religion is required to meet the general requirements for his degree as outlined on pages 39 and 40, and to take a secondary concentration in one of the departments of the College of Arts and Sciences.

Requirements for Graduate Degrees

The School of Religion offers to graduate students work leading to the Master of Arts and Doctor of Philosophy degrees in Religion.

Courses are offered toward the fulfillment of requirements for these degrees in the following fields: Biblical Studies which includes English Old and New Testament; Biblical Languages which includes Hebrew Old Testament and Greek New Testament; Theology which includes biblical and systematic theology, history of Christian doctrine, and the phil-

osophy and psychology of religion; Church History; and Christian Education which includes Christian sociology.

In addition to the graduate courses listed in this catalogue, the student may upon the permission of his faculty adviser elect from the College of Arts and Sciences certain courses in line with his program of study which are numbered in the 300's and 400's, which courses may require special work for graduate credit. For example, AL. 400, Fourth Year Greek; Hi. 303, The Reformation; Ph. 302, Christian Evidences, etc. Upon sufficient demand, certain additional graduate courses not listed below may be offered. All courses must be elected under the advice and approval of the Dean of the School of Religion or a faculty adviser. The student must maintain an average of B.

Requirements for the Master of Arts Degree

A bachelor's degree from a recognized college is required for admission to graduate standing. Those in possession of a bachelor's degree, but lacking adequate undergraduate preparation in courses in the theological field, are required to pursue such courses in undergraduate work as will remedy this deficiency. Undergraduate preparation must be of such quality as to give evidence of ability to pursue graduate studies with success.

At least one semester of acceptable graduate study is required before a student may be recognized as a candidate for the degree of Master of Arts. Work offered for graduate credit must exhibit a high degree of ability and achievement in research, at least an average of B. The Master of Arts degree is awarded upon the completion of a minimum of thirty semester hours of graduate work and an acceptable thesis. In certain cases, a research and reading seminar course may be pursued in lieu of the thesis. This seminar course involves wide reading and intensive research in a specific field equivalent to six semester hours of graduate work. The graduate courses taken towards the Master's degree must include EB. 500, CH. 500, and Th. 500, unless the student has already had their equivalent.

There will be special provision for students who submit an unusually good transcript and who have demonstrated on the undergraduate level much ability and initiative in research. If he desires, such a student may be permitted, on the recommendation of the Dean of the School of Religion, to secure part of the hours for his Master's degree by special

independent work under the supervision of a faculty adviser.

The candidate for the Master's degree must show evidence of possessing a working knowledge of a foreign language satisfactory to the faculty of the School of Religion. Nine months (36 weeks) work in residence at Bob Jones University is required of every candidate for the degree of Master of Arts. The graduate student must submit a consistent program of study worked out under the guidance of a faculty adviser.

Requirements for the Doctor of Philosophy Degree

The candidate for the Doctorate must have completed his work for the Master of Arts degree in religion, or the equivalent thereof. The record of work toward the Master's degree must be of such quality as to justify belief that further graduate study is likely to be profitable. The Doctor's degree will be conferred only on persons displaying qualities of leadership, of strong character, and evincing a high degree of scholarship in their chosen fields.

If undergraduate preparation in the theological field is inadequate, such courses in undergraduate study shall be taken as may be necessary to prepare for graduate study. The prospective candidate must possess a good working knowledge of Greek, Hebrew, and either French or German. A working knowledge of Greek is defined as that gained by four years of college work in Greek or the equivalent thereof. Two years of work in Hebrew and either French or German are required. A knowledge of Latin is recommended as requisite in certain fields of theological study. Those not possessing sufficient college credit in languages may be allowed to evince actual proficiency in them by successfully passing prescribed tests to meet the language requirements. The language requirement in Greek should be satisfied by the end of the first year of graduate study, and the requirements in other languages by the end of the second year of graduate study.

A minimum of three years of graduate work is required for the doctorate. Of these three years the first should be devoted to work for the Master's degree. Under the guidance of the faculty of the School of Religion, the candidate shall select a major field directly related to the work done for the Master's degree and in addition he shall select two minor fields.

There will be special provision for students who submit an unusually good transcript and who have demonstrated on the

undergraduate level much ability and initiative in research. If he desires, such a student may be permitted, on the recommendation of the Dean of the School of Religion, to secure part of the hours for his Doctor's degree by special independent work under the supervision of a faculty adviser.

During the second year of graduate study, following the first year spent in working for the Master's degree, there will be required such examinations and written reports as may be necessary to test the progress made in study and research and to determine whether the candidate may continue work for the third year.

At the end of the third year an oral examination will be given in the major and minor fields. Written examinations may be given as shall appear expedient.

At the end of the first year of graduate study, the candidate shall select for his dissertation toward the doctorate a subject approved by the faculty of the School of Religion. The dissertation must exhibit originality and thoroughness of research and must be an exhaustive treatment of the subject chosen. The candidate must submit three typewritten copies bound and prepared according to literary standards acceptable to the faculty. Two of these copies shall be deposited in the Library of Religion of Bob Jones University, and the other shall be returned to the author. When the dissertation has been accepted by the faculty, the candidate shall appear before the faculty and successfully discuss and defend his dissertation.

Graduate work done in other institutions may be accepted in partial fulfillment of the requirements for the doctorate if it is of satisfactory quality and is appropriate to the candidate's program of study in the School of Religion of Bob Jones University. In such case, one full year's work in residence at Bob Jones University, an oral examination in the major and minor fields, and an acceptable dissertation successfully defended and discussed constitute the minimum requirements in order to earn the degree of Doctor of Philosophy.

Ninety-six hours shall be the approximate amount of graduate work required for the three years in residence. Of these hours at least one-half shall be devoted to the major field, while the other half shall be divided equally between the minor fields. The Doctor's degree shall be conferred not merely on the basis of accumulation of semester credits, but strictly on the basis of a high degree of scholarship and mastery of the chosen fields.

DIVISION OF BIBLICAL STUDIES

Robert N. Schaper, M. A., Ph. D., Chairman

The Division of Biblical Studies of the School of Religion includes the departments of English Bible and Biblical Languages.

The Bachelor of Arts degree may be earned in this Division with a concentration in English Bible. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department of English Bible.

Each undergraduate student earning a baccalaureate degree with a concentration in the Division of Biblical Studies is, of course, required to meet the general requirements for his degree as outlined on pages 39 and 40, and to take a secondary concentration in the College of Arts and Sciences.

The Master of Arts and Doctor of Philosophy degrees may be earned in this Division with a major or a minor in Biblical introduction, English Old Testament, English New Testament, Greek New Testament, or Hebrew Old Testament. Detailed information concerning the requirements for these degrees will be found on pages 72 and 73.

DEPARTMENT OF ENGLISH BIBLE

Mr. Adam, Mr. Barnes, Dr. Brokenshire,
Dr. Parker, Dr. Schaper

Undergraduate Courses

The requirements for concentration in the department of English Bible for students earning the Bachelor of Arts degree are 30 hours, including EB. 100, 200, BH. 400, Th. 400, and 14 additional hours. Of these 14 hours, 8 must be taken in the department of English Bible. The remaining 6 may be chosen from courses in the Division of Practical Studies or may be taken in the department of English Bible at the student's option.

EB. 100—NEW TESTAMENT SURVEY

A general survey of the Gospels and the life of Christ, with outlines and discussions of significant portions. Study of events in the life of Christ in relation to doctrine. The early church in the book of Acts is studied, with a general introduction to the background and contents of the epistles.

Both semesters, two hours per week, one hour credit each semester. No prerequisite.

EB. 200—OLD TESTAMENT SURVEY

A synthetic study of the Old Testament, with outlines, lectures, and discussions, designed to give the student a thorough working knowledge of the Old Testament. Both semesters, two hours per week, one hour credit each semester. No prerequisite.

EB. 300—BIBLE PROPHECY

A correlation of dispensational studies, Bible covenants, types, and symbols. Study of major and minor prophets—their place and function in the history of Israel; fulfilled prophecies. Study of signs of the times and of current events in the light of prophecy.

Both semesters, three hours each semester. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)

EB. 301—THE TEACHINGS OF JESUS

A survey and discussion of the main ideas and implications of the teachings of Jesus.

Both semesters, two hours each semester. Prerequisite, EB. 100.

EB. 302—ADVANCED OLD TESTAMENT

A thorough study of the Old Testament from the standpoint of conservative scholarship. Constructive criticism, analysis, and interpretation of the philosophy of the Old Testament, the Messianic hope and its unfolding.

Both semesters, three hours each semester. Prerequisite, EB. 200. (Offered 1947-48 and alternate years thereafter.)

EB. 303—THE PAULINE EPISTLES

A study of the life of Paul, his epistles, and teachings. Special study will be made of several epistles: Romans, Colossians, Ephesians, etc.

Both semesters, three hours each semester. Prerequisite, EB. 100. (Offered 1946-47 and alternate years thereafter.)

EB. 304—THE ACTS OF THE APOSTLES

A careful study of the Acts of the Apostles and the spread of the Gospel in apostolic times.

Both semesters, three hours each semester. Prerequisite,

EB. 100. (Offered 1947-48 and alternate years thereafter.)

EB. 400—HEBREWS AND GENERAL EPISTLES

Hebrews, James, 1st and 2nd Peter, and Jude. The authorship, message, and teachings of these books will be studied.

First semester, three hours. Prerequisite, EB. 100. (Offered 1947-48 and alternate years thereafter.)

EB. 401—THE JOHANNINE WRITINGS

The life of John; the purpose, message, and teachings of his writings.

Second semester, three hours. Prerequisite, EB. 100. (Offered 1947-48 and alternate years thereafter.)

EB. 402—THE PSALMS AND OTHER POEMS OF THE OLD TESTAMENT

An earnest study of the Psalter and other selections from inspired Hebrew poetry, with special notice of Messianic elements and application of ethical, doctrinal, and devotional values in the light of the New Testament revelation.

Both semesters three hours each semester. Prerequisite, EB. 200. (Offered 1946-47 and alternate years thereafter.)

Graduate Courses

On the graduate level, students may major or minor in the department of English Bible in the fields of Biblical Introduction, English Old Testament, or English New Testament. Detailed requirements for graduate degrees will be found on pages 72 and 73.

EB. 500—BIBLICAL INTRODUCTION

The canon and text of the Old and New Testaments, the composition, authorship, date, and contents of each book.

Both semesters, three hours each semester.

EB. 501—WISDOM LITERATURE OF THE OLD TESTAMENT

A study of the divinely inspired religious and practical philosophy of the sages of Israel as expressed in the Proverbs, Ecclesiastes, Job, the Wisdom Psalms, and other portions of the Old Testament, with some atten-

tion to Wisdom elements in extra-canonical Hebrew literature.

Both semesters, three hours each semester.

EB. 502—ISAIAH AND HIS PROPHECIES

A careful study of the book of Isaiah, with attention to the personality, times, and message of the Prophet. The book will be read in the best English translation. Emphasis will be laid on the integrity of the book and on the theological and Messianic elements in the preaching of Isaiah, with their practical application to the faith and practice of today.

Both semesters, three hours each semester.

EB. 503—EZEKIEL AND HIS PROPHECIES

A study of the experiences and messages of Ezekiel in the light of his times, with an appreciation and application of the prophet's inspired messages to conditions of today.

Both semesters, three hours each semester.

EB. 504—EXEGESIS OF THE EPISTLE TO THE ROMANS

A detailed examination of the Epistle to the Romans in the light of the circumstances and experience of the apostle Paul and the congregation in Rome, with an earnest attempt to evaluate and apply the inspired doctrine in a practical and non-controversial spirit.

Both semesters, three hours each semester.

DEPARTMENT OF BIBLICAL LANGUAGES

Dr. Brokenshire, Dr. Cierpke, Dr. Miller, Dr. Neal,
Mr. Overton

Undergraduate Courses

On the undergraduate level, work in the department of Biblical languages is given in the College of Arts and Sciences and will be found described on pages 48 and 49.

Graduate Courses

On the graduate level, students may major or minor in the department of Biblical languages in the fields of Greek New Testament or Hebrew Old Testament.

AL. 500—ADVANCED GREEK EXEGESIS

The reading of selected portions of the Greek New Testament, with careful study and interpretation according to the ascertained rules of syntax and the best exegeti-

cal methods.

Both semesters, three hours each semester.

AL. 510—ADVANCED HEBREW EXEGESIS

The reading of selected portions from the various types of Old Testament Hebrew literature, such as the Poetry, the Wisdom, and the Prophets, with careful study and interpretation according to the ascertained rules of syntax and the best exegetical methods.

Both semester, three hours each semester.

Additional advanced courses in Greek and in Hebrew will be offered according to the need and demand.

DIVISION OF HISTORICAL STUDIES

Alfred A. Cierpke, Th. M., Th. D., Chairman

The Division of Historical Studies of the School of Religion includes the departments of Biblical history and church history.

A concentration toward a baccalaureate degree is not offered in this Division, although certain courses from this Division may be applied toward a concentration in the Division of Biblical or of Practical Studies.

The Master of Arts and Doctor of Philosophy degrees may be earned in this Division with a major or a minor in church history or Biblical geography and archaeology. Detailed information concerning the requirements for these degrees will be found on pages 72 and 73.

DEPARTMENT OF BIBLICAL HISTORY

Mr. Adam, Dr. Brokenshire

Undergraduate Courses

- BH. 300—ARCHAEOLOGY OF THE BIBLE
The Old and New Testaments studied in the light of the most recent archaeological discoveries, illustrated by slides and exhibits in the Bowen Biblical Museum. Both semesters, two hours each semester. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)
- BH. 400—HEBREW HISTORY
A summary of the history of the chosen people from the call of Abraham to the fall of Jerusalem in 70 A. D. Special attention is given to the economic and political conditions of the ancient world and the Roman empire and their effect upon Israel. The work and journeys of apostolic missionaries discussed. Both semesters, three hours each semester. Prerequisite, EB. 100, 200.
- BH. 401—GEOGRAPHY OF THE BIBLE
A study of the historical geography and background of the Biblical lands with special attention to Palestine. Both semesters, two hours each semester. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

Graduate Courses

On the graduate level, students may major or minor in the department of Biblical history in the field of Biblical archaeology and geography. Detailed requirements for graduate degrees will be found on pages 72 and 73.

- BH. 500—BIBLICAL ARCHAEOLOGY
Archaeological discoveries and monuments bearing on the history and teaching of the Old and New Testaments. Both semesters, three hours each semester.
- BH. 501—BIBLICAL GEOGRAPHY
The historical geography of Bible lands, especially of Palestine, illustrated by stereopticon and other pictures. Both semesters, three hours each semester.

DEPARTMENT OF CHURCH HISTORY

Dr. Cierpke

Graduate Courses

On the graduate level, students may major or minor in the field of church history. Detailed requirements for graduate degrees will be found on pages 72 and 73.

- CH. 500—CHURCH HISTORY
A detailed study of the triumph of Christ and His church from the apostolic age to the present, as revealed in the succession of great events, the experience and influence of the great personalities, and the progressive formulation of doctrine. Particular stress in the first semester is laid on the early period, and in the second semester on the Reformation. An evangelical interpretation of the history of Christianity. Both semesters, three hours each semester.
- CH. 501—THE CHURCH WITHIN THE MODERN WORLD
A critical examination of Modernism and its effect upon the Christian faith. The naturalistic philosophy and theology upon which American Modernism is based will be studied and criticized. A comparison of this theology and its varied aspects will be made with the historical and orthodox positions. Our own conservative position will be stated. Both semesters, two hours each semester.
- CH. 502—CHURCH AND STATE IN THE CHRISTIAN ERA
An intensive study of the church-state relationship in

various epochs of the Christian era. Starting with the attitude of the early church toward the state, this study will include the times of Constantine, Luther, and Calvin, and will lead to the German struggle since 1933. The church-state relationship in America will conclude this study.

Both semesters, three hours each semester.

DIVISION OF PRACTICAL STUDIES

Gilbert R. Stenholm, M. A., Ph. D., Chairman

The Division of Practical Studies of the School of Religion includes the departments of Christian education and Christian missions.

The Bachelor of Arts degree may be earned in this Division with a concentration in Christian education or Christian missions. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each undergraduate student earning a baccalaureate degree with a concentration in the Division of Practical Studies is, of course, required to meet the general requirements of his degree as outlined on pages 39 and 40, and to take a secondary concentration in the College of Arts and Sciences.

The Master of Arts and Doctor of Philosophy degrees may be earned in this Division with a major or a minor in Christian education, Christian sociology, or Christian missions. Detailed information concerning the requirements for these degrees will be found on pages 72 and 73.

Divisional Courses

Pr. 100, 200, 300, 400—THE PREACHER AND HIS PROBLEMS

Required of all ministerial students. Not applicable toward a concentration in any department.

Both semesters, one hour each semester until a maximum of six hours has been earned.

Pr. 101, 201, 301, 401—PRACTICAL PROJECTS IN EVANGELISM AND CHRISTIAN EDUCATION

Credit will be awarded according to arrangements with the instructor and upon fulfillment of requirements. Not applicable toward a major in any department.

DEPARTMENT OF CHRISTIAN EDUCATION

Dr. Cierpke, Dr. Haight, Mr. McFarland, Mr. C. Moore,
Dr. Stenholm

Undergraduate Courses

The requirements for concentration in the department of Christian education are 30 hours, including EB. 100, 200,

Th. 400, CE. 300, and 14 additional hours from courses listed under the department of Christian education.

CE. 200—WEEKDAY CHURCH SCHOOL

Study of the growth and types of weekday religious instruction. Techniques, methods, evaluation. Discussions and practical work.

First semester, two hours. Prerequisite or parallel, EB. 100, 200.

CE. 201—DAILY VACATION BIBLE SCHOOL

Aims and methods, organization and administration of the daily vacation Bible school. Text, lectures, reading assignments, discussions, and practical work.

Second semester, two hours. Prerequisite or parallel, EB. 100, 200.

CE. 300—INTRODUCTION TO CHRISTIAN EDUCATION

A survey course of the whole field of Christian education; objectives, principles, problems, methods, materials, and programs; institutions promoting Christian education; present-day trends.

Both semesters, three hours each semester. Prerequisite, EB. 100, 200.

CE. 301—TEACHING BIBLE IN THE SECONDARY SCHOOL

The Bible as a textbook in Christian education; a study of the aims and objectives of Bible teaching; teaching aids; evaluation of methods and materials; lesson building; relating instruction to life. Offered by the School of Education.

First semester, three hours. Prerequisite, EB. 100, 200.

CE. 302—PLANNING AND DIRECTING YOUNG PEOPLE'S RALLIES

A study of the methods of promoting and directing youth movements, youth evangelistic rallies, and the like. Consideration of the problems of young people. Problems of leadership, materials, equipment, finances, and advertising.

Second semester, three hours. Prerequisite, EB. 100, 200.

CE. 303—ADMINISTRATION OF SUNDAY SCHOOL AND YOUNG PEOPLE'S DEPARTMENTS

A study of various methods of promoting Christian education in the different groups of the local church.

First semester, two hours. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)

CE. 304—TRAINING IN WORSHIP

Place of worship in religion; definitions, functions, aims, methods, programs, and materials of worship; significance and use of architecture, music, and ritual in worship. Class discussions, reports, papers, analysis, criticisms, evaluations, construction, and conducting of worship programs by students.

Second semester, two hours. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)

CE. 400—HISTORY OF RELIGIONS

An intensive study of the great non-Christian religions of the world in India, China, Japan, Greece, Rome, Egypt, Babylonia, Europe, and the Americas in respect to history, literature, development, and present status, from the Christian standpoint.

First semester, three hours. Prerequisite, EB. 100, 200.

CE. 401—HISTORY OF MODERN CULTS

An evangelical study of the modern cults in the light of the superiority and finality of conservative Christianity. Second semester, three hours. Prerequisite, EB. 100, 200.

CE. 402—CHURCH AND SOCIETY

Elements of social progress, the needs and problems, social aims, ideals, and standards; Christian social standards, ideals, and aims; method of the propagation of Christianity; building of Christian social policy and attitudes toward certain social movements and conditions. Lectures, reading reports, special assignments, conferences.

First semester, three hours. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)

CE. 403—SOCIAL PROBLEMS

A study and an interpretation of social problems in the light of the teaching of the prophets and of Jesus Christ. Second semester, three hours. Prerequisite, EB. 100, 200. (Offered 1947-48 and alternate years thereafter.)

CE. 404—HISTORY OF CHRISTIAN EDUCATION

A study of the development of religious education from the time of the Hebrews and early Christians until the present. Attention will be given to the rise of the mod-

ern Sunday school and the development of Christian education and training today.

First semester, three hours. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

CE. 405—CURRICULUM OF CHRISTIAN EDUCATION

A consideration of the problems of lesson materials and other factors in the teaching process. Evaluation of other curricula as found in Christian education activities of various denominations.

Second semester, three hours. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

CE. 406—HYMNOLOGY

A comprehensive study of the lives and hymns of hymn-writers from antiquity through the period of the Gospel songs.

Both semesters, two hours each semester. Prerequisite, EB. 100, 200.

CE. 407—CHILDREN'S METHODS AND MATERIALS

Work of evangelism with children. Study of methods and materials. Class discussions, reports, and projects. First semester, two hours. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

CE. 408—ADOLESCENT METHODS AND MATERIALS

Teaching methods and materials for various levels of adolescents. Class discussions, reports, and construction of materials.

Second semester, two hours. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

Graduate Courses

On the graduate level, students may major or minor in the department of Christian education in the field of Christian education or Christian sociology.

CE. 500—PRINCIPLES AND METHODS OF CHRISTIAN EDUCATION

A study of the several phases of Christian Education, with special attention to the methods in use in various denominations in the Sunday School, the Young People's Departments, and adult Christian training and activities; and an evaluation of the methods and materials available in modern Christian work.

Both semesters, three hours each semester.

CE. 501—CHRISTIAN SOCIOLOGY

Social changes, problems, and developments through the ages with special emphasis on modern world problems in the light of the teachings of the Word of God.

Both semesters, three hours each semester.

DEPARTMENT OF CHRISTIAN MISSIONS

Dr. Cierpke, Dr. Haight, Mr. McFarland

Undergraduate Courses

The requirements for concentration in the department of Christian missions are 30 hours, to be chosen from the courses listed below in consultation with a faculty adviser, and with the approval of the head of the department. Specific requirements are purposely not laid down, in order that the student may have freedom in choosing courses which will meet the need of the particular kind of missionary work he plans to do, and of the particular field in which he plans to work. Whenever possible, students should have in mind early in their college program what phase of missionary activity they plan to engage in and the field of service in which they hope to work, so that their curriculum may be planned with those objectives in mind.

All students concentrating in Christian missions are also required to take Th. 400 and 18 hours chosen from the departments of English Bible and Biblical history. Furthermore, each student must take a secondary concentration in the College of Arts and Sciences, which in most cases should be in the foreign language which the student will use in his missionary work. In certain cases where the student is already familiar with the language, or will not need one of the languages offered by the University, some other academic field of concentration may be substituted. All choices must be made with the advice and approval of the head of the department.

CM. 100—THE BIBLICAL BASIS OF MISSIONS

The Divine origin, characteristics, and program of missions in the Old and New Testaments; the relation of the Church as a whole, the local church, the pastor, and the individual Christian to the missionary enterprise.

First semester, two hours. No prerequisite.

CM. 101—THE PROMOTION OF WORLD-WIDE MISSIONS

The study and practice of the methods of promoting

world-wide missions, such as prayer bands, missionary rallies, conferences, programs, projects, etc.
Second semester, two hours. No prerequisite.

CM. 102—HYGIENE

A course in the fundamentals of personal and community hygiene.

Both semesters, one hour each semester. No prerequisite.

CM. 200—HISTORY OF CHRISTIAN MISSIONS

A study of the principles of Christian missions, outlines of missionary history, and biographies of great missionaries.

Both semesters, two hours each semester. No prerequisite.

CM. 201—FIRST AID

A practical course in the essentials of first aid, following the course outlined by the Red Cross.

Both semesters, three hours each semester. No prerequisite.

CM. 202—INTRODUCTION TO ANTHROPOLOGY

A survey course dealing with human origins and varieties, significance of racial and linguistic differences, basic social groupings, and nature and development of religion and culture.

Both semesters, three hours each semester. No prerequisite.

CM. 203—INTRODUCTION TO PHONETICS

Basic principles of phonetics; the physiology of the speech mechanism; analysis of speech sounds; recording of speech sounds with a phonetic alphabet; phonemics.

First semester, three hours. No prerequisite.

CM. 300—ANATOMY AND PHYSIOLOGY

A general course with special attention to the design and functions of the various organs of the body and the function of hormones, vitamins, enzymes, etc. Two lectures and one laboratory period a week.

Both semesters, three hours each semester. Prerequisite, Sc. 103 or the equivalent.

CM. 301—PRINCIPLES AND METHODS OF MODERN MISSIONS

Administration and organization of missions; qualification and support of candidates; adjustment to the new

environment of the mission field; relation of missionaries to each other and to the natives; missions and governments; native churches and their problems; other problems of practical importance to the prospective missionary.

Both semesters, three hours each semester. No prerequisite.

CM. 302—NUTRITION

The study of the essential factors of an adequate diet, and the relation of food selection to health; practice in dietary planning.

Both semesters, three hours. No prerequisite.

CM. 303—BASIC PRINCIPLES OF CARPENTRY AND BUILDING CONSTRUCTION

Training and practice is provided in the elements of construction with wood and other materials, so as to give knowledge of how to erect sound structures for home and community use.

Both semester, three hours each semester. No prerequisite.

CM. 400—BASIC MEDICAL INSTRUCTION FOR MISSIONARIES

The study of the cause, prevention, and treatment of diseases, including infectious diseases, tropical diseases, diseases of the digestive organs, and diseases of the eye, ear, nose, and throat; sanitation and health measures are also studied.

Both semesters, three hours each semester. Prerequisite, CM. 300.

CM. 401—MISSIONARY NURSING

A consideration of the general problems and duties of nursing, and special application of these principles to the peculiar conditions of the mission field.

Second semester, three hours. Prerequisite or parallel, CM. 400.

CM. 402—HISTORY OF RELIGIONS

An intensive study of the great non-Christian religions of the world in India, China, Japan, Greece, Rome, Egypt, Babylonia, Europe, and the Americas in respect to history, literature, development, and present status, from the Christian standpoint.

First semester, three hours. Prerequisite, EB. 100, 200.

CM. 403—HISTORY OF MODERN CULTS

An evangelical study of the modern cults in the light of the superiority and finality of conservative Christianity. Second semester, three hours. Prerequisite, EB. 100, 200.

Graduate Courses

On the graduate level, students may major or minor in the field of Christian missions.

CM. 500—CHRISTIAN MISSIONS

An evangelical study of the missionary work of the present time with an outlook on the possibilities in the post-war world. This study will include the study of World Missionary Conferences and of the leading personalities in the missionary world. Evangelistic methods of reaching the heathen with the Gospel of Jesus Christ will be prayerfully considered.

Both semesters, three hours each semester.

DIVISION OF THEOLOGICAL STUDIES

Charles D. Brokenshire, M. A., B. D., D. D., Chairman

The Division of Theological Studies of the School of Religion includes the departments of philosophy and theology.

A concentration toward a baccalaureate degree is not offered in this division, although certain courses from this Division may be applied toward a concentration in the Division of Biblical or of Practical Studies.

The Master of Arts and Doctor of Philosophy degrees may be earned in this Division with a major or a minor in Biblical theology, systematic theology, history of Christian doctrines, philosophy of religion, or psychology of religion. Detailed information concerning the requirements for these degrees will be found on pages 72 and 73.

DEPARTMENT OF PHILOSOPHY

Dr. Brokenshire

Undergraduate Courses**Ph. 300—INTRODUCTION TO PHILOSOPHY**

The student is prepared for a further study of philosophy by acquainting him with some of the most important philosophical problems and the solutions offered by different schools of thought.

First semester, three hours. No prerequisite. (Offered 1947-48 and alternate years thereafter.)

Ph. 301—LOGIC

The elements of logic, deductive and inductive methods, the nature of reasoning, conditions of proof, introduction to the laws of thought, and the processes of the scientific method.

Second semester, three hours. No prerequisite. (Offered 1947-48 and alternate years thereafter.)

Ph. 302—CHRISTIAN EVIDENCES

A comprehensive course preparing the student for a scholarly defense of the conservative position. Analysis and refutation of claims of unbelievers. Special emphasis on evidences for the resurrection of Christ and Paul's conversion.

Both semesters, three hours each semester. Prerequisite, EB. 100, 200. (Offered 1946-47 and alternate years thereafter.)

- Ph. 400—ANCIENT AND MEDIEVAL PHILOSOPHY
Attention will be given to the beginning of philosophic thought and the manner in which early systems of philosophy arose. The outstanding philosophers of ancient and medieval times will be studied along with the problems and types of philosophy. The students will be led to an understanding of the great systems of thought by linking them to the lives of the great philosophic thinkers and to the times in which they lived.
First semester, three hours. No prerequisite. (Offered 1946-47 and alternate years thereafter.)
- Ph. 401—MODERN PHILOSOPHY
The outstanding philosophers of the modern period will be studied. A study will be made of the beginning of experimental science and its influence on the philosophies of the period. Attention will be given to the relation of philosophy to science, religion, and theology. Present-day philosophy and thought will be considered.
Second semester, three hours. No prerequisite. (Offered 1946-47 and alternate years thereafter.)
- Ph. 402—CHRISTIAN ETHICS
A study of the ethical theories and the Christian ethical system with the application of Christian principles to the problems of everyday life.
Second semester, three hours. No prerequisite.

Graduate Courses

On the graduate level, students may major or minor in the department of philosophy in the field of philosophy of religion or psychology of religion.

- Ph. 500—PHILOSOPHY OF RELIGION
A study of the nature and validity of religious experience and an examination of the rational justification of theistic and Christian conviction as affording an adequate cognition of Ultimate Reality.
Both semesters, three hours each semester.
- Ps. 500—PSYCHOLOGY OF RELIGION
A reverent examination of the intellectual, emotional, and volitional processes that accompany religious awakening and particularly Christian conversion, with a study of normal and exceptional features in the various expressions and exercises of religious experience.
Both semesters, three hours each semester.

Ps. 501—PASTORAL PSYCHOLOGY

A sympathetic study of the psychic phenomena of the religious nature and the most tactful and effective methods of dealing with the spiritual needs of different types of personality in the light of the Gospel and modern investigation of religious experience, together with suggestions relating to the cultivation of the minister's own devotional life and spiritual influence.
Both semesters, two hours each semester.

DEPARTMENT OF THEOLOGY

Mr. Adam, Dr. Brokenshire, Dr. Cierpke, Dr. Parker

Undergraduate Courses

- Th. 400—BIBLE DOCTRINES
A practical study of the fundamental teachings of the Bible on such doctrines as those expressed in the college creed.
Both semesters, three hours each semester. Prerequisite, EB. 100, 200.

Graduate Courses

On the graduate level, students may major or minor in the department of theology in the field of Biblical theology, systematic theology, or history of Christian doctrine.

- Th. 500—SYSTEMATIC THEOLOGY
The great doctrines of the Christian religion, the great systems and theologians, the relations of theology, philosophy, and science, with emphasis on the evangelical body of doctrine held generally by historic orthodox Christians.
Both semesters, three hours each semester.
- Th. 501—BIBLICAL THEOLOGY
A thorough exegetical study of the theology, anthropology, hamartiology, soteriology, angelology, and eschatology of the Bible as these doctrines were unfolded and developed in the progressive stages of divine revelation. This course aims to give the student a comprehensive exposition of the historical self-disclosure of God on record in the Bible, which is the basis of any Christian theological or philosophical system.
Both semesters, three hours each semester.

Th. 502—SPECIAL PROBLEMS IN THEOLOGY

A careful study of the crisis in contemporary theology, showing the origin as well as the nature of the special problems. Among the problems considered are the following: The relationship of science to religion; reason and revelation; the primacy of faith; the natural and the supernatural; the issue of religious authority; the psychological validity of religious experience.

Both semesters, three hours each semester.

Th. 503—THE PROBLEM OF RELIGIOUS KNOWLEDGE

A consideration and analysis of the whole field of religious knowledge, with special emphasis on vital issues, such as: What is religious knowledge? How can man know God? Can religious knowledge be validated? All the pressing questions will be considered in the light of the Word of God.

Both semesters, three hours each semester.

Th. 504—CONTEMPORARY THEOLOGY

The great movements of European and American theology, with special emphasis upon the positions and lives of the various men whose influence is responsible for the present theological crisis.

Both semesters, three hours each semester.

Th. 505—CHRISTOLOGY

A reverent study of the place of our Lord Jesus Christ in Christian thought and experience from the early church to the present. Christology is studied in this course as it is stated in the christological formulas of historic Christianity and as the central doctrine of the Christian faith.

Both semesters, three hours each semester.

Th. 506—HISTORY OF CHRISTIAN DOCTRINE

A study of the history of Christian doctrines, the formulation of theological systems, and the work of the great leaders in theological thought from apostolic times until the present.

Both semesters, three hours each semester.

School of Fine Arts

Karl E. Keefer, M. A., Dean

The Divisions and the Departments

The departments of the School of Fine Arts are organized into three divisions according to the following plan:

I. The Division of Art

II. The Division of Music

The Department of Music Theory

The Department of Music Pedagogy

The Department of Sacred Music

The Department of Voice

The Department of Piano

The Department of Organ

The Department of Violin and other Stringed Instruments

The Department of Woodwind and Brass Instruments

III. The Division of Speech

The Department of Interpretive Speech

The Department of Public Speaking

The Department of Dramatic Production

The Department of Radio Production

The Department of Speech Pedagogy

The Speech Clinic

Requirements for the Bachelor of Arts Degree

The School of Fine Arts offers to undergraduate students the degree of Bachelor of Arts, with a concentration in art, sacred music, voice, piano, organ, violin, interpretive speech, public speaking, dramatic production, radio production, and Bachelor of Science with a concentration in music pedagogy or speech pedagogy.

The requirements for concentration in these departments will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a baccalaureate degree with a concentration in the School of Fine Arts is required to meet the general requirements for his degree as outlined on pages 39 and 40 and to take a secondary concentration in one of the departments of the College of Arts and Sciences.

Requirements for Graduate Degrees

The School of Fine Arts offers to graduate students work leading to the Master of Arts degree in music or in speech, and the Master of Fine Arts degree in the combined fields of music and speech.

To become a candidate for a graduate degree in the School of Fine Arts, a student must be the graduate of an approved college or university, and must have met in his undergraduate courses the specific requirements for admission to the particular field in which he intends to pursue graduate studies.

These specific requirements are as follows:

For the degree of Master of Arts in applied music, the student must present thirty semester hours of undergraduate credits in music, which credits must be in courses equivalent to those meeting the requirements for a Bachelor of Arts degree in applied music in the School of Fine Arts of Bob Jones University. The student, by means of an examination before a faculty committee, must show himself able to do advanced work in his chosen applied major.

For the degree of Master of Arts in sacred music, the student must present thirty semester hours of undergraduate credits in music, which credit must be in courses equivalent to those meeting the requirements for a Bachelor of Arts degree in sacred music in the School of Fine Arts of Bob Jones University.

For the degree of Master of Arts in speech, the student must present thirty semester hours of undergraduate credits in speech, which credits must be in courses equivalent to those meeting the requirements for a Bachelor of Arts degree in speech in the School of Fine Arts of Bob Jones University.

For the degree of Master of Fine Arts, the student must present at least thirty-six semester hours of undergraduate credits in the fields of music and speech, with not less than twelve semester hours in either field. The student must convince a committee composed of the dean of the School of Fine Arts and one member each of the faculty of the divisions of speech and of music that he is qualified to do advanced work in a broad and general fashion in both music and speech.

No student, however, having met the above requirements, will be accepted as a candidate for a degree until he has satisfactorily completed one semester of graduate work in the School of Fine Arts.

Requirements for the Master of Arts Degree in Music

Students earning the Master of Arts degree in music may specialize in piano, voice, organ, violin, or sacred music.

One year of residence and thirty semester hours are required. Detailed information concerning the courses to be taken in each field of specialization is given below at the beginning of each department.

In addition to the graduate courses listed below, the student may upon the permission of his faculty adviser elect certain courses in line with his program of study which are numbered in the 300's and 400's, which courses may require special work for graduate credit. For example, SM. 301, Music in Worship; MT. 303, Orchestration; LL. 300, Foreign Language Diction, etc. Upon sufficient demand, certain additional courses not listed below may be offered. All courses must be elected under the advice and with the approval of the Dean of the School of Fine Arts or a faculty adviser. The student must maintain an average of B.

A recital or special project in the student's field of specialization will be required. The program for the recital, or the nature of the project, must be approved by the faculty adviser within the first half-semester of graduate study. Further description of this requirement is given below at the beginning of each department.

The student must pass a final examination, written or oral, which examination shall cover not only all courses taken for graduate credit in the School of Fine Arts but also the field of music generally, testing the student's knowledge of music literature, reference works, outstanding personalities in the field, etc.

There will be special provision for students who submit an unusually good transcript and who have demonstrated on the undergraduate level much creative ability and initiative in research. If he desires, such a student may be permitted, on the recommendation of the Dean of the School of Fine Arts, to secure part of the hours for his Master's degree by special independent work under the supervision of a faculty adviser.

Requirements for the Master of Arts Degree in Speech

Students earning the Master of Arts degree in speech may specialize in interpretive speech, public speaking, platform arts, dramatic production, or radio production.

One year of residence and thirty semester hours are required, including Sp. 500, 501, and 12 hours in the field of specialization. Students who plan to teach speech but have not taken Pd. 302 are required to do so. The remaining hours may be chosen in the field of specialization, in other fields of speech, or in cognate fields, in consultation with the Dean of the School of Fine Arts or a faculty adviser. More detailed information concerning the courses to be taken in each field of specialization is given below at the beginning of each department.

In addition to the graduate courses listed below, the student may upon the permission of his faculty adviser elect certain courses in line with his program of study which are numbered in the 300's and 400's, which courses may require special work for graduate credit. For example, RP. 300, Radio Production Techniques; IS. 402, Pantomime; En. 301, Comparative Drama, etc. Upon sufficient demand, certain additional courses not listed below may be offered. All courses must be elected under the advice and with the approval of the Dean of the School of Fine Arts or a faculty adviser. The student must maintain an average of B.

A special project in the student's field of specialization will be required. This project must be chosen with the advice of the faculty adviser within the first half-semester of graduate study. Further description of this special project is given below at the beginning of each department.

There will be special provision for students who submit an unusually good transcript and who have demonstrated on the undergraduate level much creative ability and initiative in research. If he desires, such a student may be permitted, on the recommendation of the Dean of the School of Fine Arts, to secure part of the hours for his Master's degree by special independent work under the supervision of a faculty adviser.

Requirements for the Master of Fine Arts Degree

The Master of Fine Arts degree may be earned in the combined fields of music and speech. One year's residence and thirty semester hours are required, including 9 hours in speech and 15 hours in music, or vice versa, and 6 hours in Appreciation of the Fine Arts. If this course has been taken on the undergraduate level, another course in the field of fine arts may be selected with the advice and approval of the faculty adviser. In certain cases, one of the courses listed below

may be substituted for a course in music or in speech.

In addition, a special project combining music and speech activities is required. This special project may be in connection with an opera production, may involve the arrangement and orchestration of incidental music for a dramatic production, or some similar problem.

All courses must be elected under the advice and with the approval of the Dean of the School of Fine Arts or a faculty adviser. The student must maintain an average of B.

General Courses

FA. 300—APPRECIATION OF THE FINE ARTS

A course surveying the fields of art, music, and speech, designed to give the student an intelligent appreciation of the creative work which has been done in these fields. Recommended for any student concentrating in this division, as well as for the general college student who wishes to broaden his cultural appreciation. Both semesters, three hours each semester. No prerequisite.

FA. 301—PRODUCTION OF MUSICAL DRAMA

Planning, producing, directing opera, light opera, and operetta; suggestions for staging oratorio. First semester, two hours. Prerequisite, permission from the Dean of the School of Fine Arts.

FA. 400—CHRIST IN THE FINE ARTS

A study of the concept of the Lord Jesus Christ in music, sculpture, architecture, poetry, and drama. Second semester, two hours. No prerequisite.

DIVISION OF ART

Robert D. McKinney, B. S., Chairman
Mr. Andrews, Dr. Cowen, Mrs. Lee, Miss Moore

The requirements for concentration in the Division of Art are 30 hours including Ar. 100, 101, 102, 200, 201, 202, 203, 204, 300, 301, 303, 400, and 401. Before graduation, an original art work must be satisfactorily completed, and the student must present a one-man exhibition. In all applied courses, two laboratory hours of studio work are required for each hour of credit.

Each undergraduate student earning a baccalaureate degree with a concentration in the Division of Art is, of course, required to meet the general requirements for his degree as outlined on pages 39 and 40, and to take a secondary concentration in the College of Arts and Sciences.

Ar. 100—HISTORY AND APPRECIATION OF ART

The aim of this course is to lead the student to an appreciation of the fine arts, although he may not pursue the practice of them. The history and development of architecture, sculpture, and painting in prehistoric, early Egyptian, Assyrian, Greek, Roman, medieval, romanesque, gothic, renaissance, post-renaissance, and modern times is studied, with the influence of art upon contemporary styles. Study is made of the relation of line, form, and color; the principles of composition; functional design; the relation of painting and sculpture to architecture; the influence of racial, social, and religious conditions and concepts upon the arts. Both semesters, three hours each semester. No prerequisite.

Ar. 101—ANTIQUE

A course in the principles of drawing. Work is done in monochrome (usually charcoal). Cast drawing and experiments in the study of chiaroscuro are undertaken, as well as figure drawing construction and croquis studies.

Both semesters, two hours each semester. No prerequisite.

Ar. 102—GRAPHIC VOCABULARY

A basic course in drawing and sketching; its purpose is to train the faculties of observation and memory in the

drawing of figures, animals, trees, etc.
First semester, one hour. No prerequisite.

Ar. 200—MEDIA

The purpose of this course is to acquaint students with the various art tools such as pencil, pen and ink, pastel, water color, oil, etc. Landscape, still life and imaginative compositions may be included with emphasis on the subtle and more difficult phases of the various media and techniques.

First semester, two hours. Prerequisite or parallel, Ar. 101, 102.

Ar. 201—LETTERING

Good lettering being fundamentally necessary to the Christian artist, a careful study is made of all the letter forms and opportunity for practice given in their execution. A variety of materials and tools used in hand lettering are discussed and used.

First semester, one hour. No prerequisite.

Ar. 202—PERSPECTIVE

The purpose of this course is to teach the student the principles of drawing in perspective. A variety of perspective problems are considered that will lead to an understanding and practice of good perspective drawing. Second semester, one hour. Prerequisite or parallel, Ar. 101, 102.

Ar. 203—DESIGN

This is a basic course, prerequisite to all other design courses except Ar. 205. It deals with geometric planning, and the organization of line form and tone to produce two-dimensional and three-dimensional design in which volume and space as well as flat pattern are accounted fundamental.

Second semester, two hours. Prerequisite or parallel, Ar. 101, 102.

Ar. 204—RELIGIOUS AND COMMERCIAL ILLUSTRATION

In the first part of the course, emphasis is placed upon the construction of individual letter forms, composition of letters into words, page layouts, margins, appropriateness of styles to subject matter plus the use of tone to produce effects of space, weight, and volume. The media used will be pen and ink, tempera, and air brush. In the last part of the course the problems of chalk

talk and its composition will be dealt with, emphasis being laid on presentation of the Gospel in new and interesting visual form.

Second semester, one hour. Prerequisite, Ar. 201.

Ar. 205—HOUSEHOLD DESIGN

Application of the fundamental principles of design in color to housing and household problems. The purpose of this course is to develop an appreciation of beauty and an intelligent standard of good taste. Not applicable toward a concentration in art.

First semester, three hours. No prerequisite.

Ar. 206—INTERIOR DECORATION

A study of period interiors and architectural design, application of the principles of room decoration, individual planning of the furnishings of a moderate cost home. Not applicable toward a concentration in art.

Second semester, three hours. No prerequisite.

Ar. 207—TEACHING ART IN THE ELEMENTARY SCHOOL

A course for grade teachers who wish to become more efficient in the teaching of drawing, design, color, construction, and appreciation. Topics: Drawing—human figures, animals, birds, plants, trees, constructed objects; color; design; lettering, posters and cards; paper and cardboard construction—boxes and booklets; modeling; appreciation. Offered by the School of Education. Not applicable toward a concentration in art.

Both semesters, two hours each semester. No prerequisite.

Ar. 300—STILL LIFE

The setting up of flower arrangements, of fruit and various other inanimate objects and approaching these in charcoal and oil in varied painting techniques.

Both semesters, one hour each semester. Prerequisite, Ar. 200.

Ar. 301—MODELING

The aim of this course is to give (1) experience in the use of clay as a medium of expression; (2) practice in the creation and execution of sculpture as applied to design, including demonstration and practice in mold making and casting; (3) some knowledge of contemporary and historic sculpture with an interest in the sculptors who have contributed to our heritage.

First semester, two hours. Prerequisite or parallel, Ar. 101, 102.

Ar. 302—ADVANCED MODELING

An elaboration and intensification of the work undertaken in Ar. 301.

Second semester, two hours. Prerequisite, Ar. 301.

Ar. 303—PORTRAITURE

A course in the painting of portraits in oils. The work is done directly from the model, with occasional experiments from the imagination.

Both semesters, two hours each semester. Prerequisite, Ar. 200.

Ar. 304—TEACHING ART IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of art in the high school. Offered by the School of Education. Not applicable toward a concentration in art.

First semester, three hours.

Ar. 305—ART OF THE CONTEMPORARIES

A survey of contemporary painting, sculpture, architecture, ceramics, etc., from the French Impressionists through all phases of art today.

Second semester, two hours. No prerequisite.

Ar. 400—LANDSCAPE

Outdoor sketching in pencil, charcoal, pen and ink, and oils is attempted. As many and as varied a number of techniques as possible are taught. Solving problems of notation, perspective, etc., in relation to a particular landscape.

Both semesters, one hour each semester. Prerequisite, Ar. 200.

Ar. 401—ADVANCED PAINTING

The aim of this course is to conduct the painting of previous courses on a higher plane of advancement. This work will be done in a method and technique selected by the student. While oil is suggested, any medium may be used with which the student can obtain completeness and finish of pictorial representation. In this course the student will produce his senior project designated by the teacher, which will remain in the school gallery. Dur-

ing the semester the student will also present a one-man exhibition of all previous college art work.

First semester, two hours. Prerequisite, Ar. 200.

Ar. 402—ADVANCED COMPOSITION

This course is a continuation of Ar. 401 and is offered to the advanced student to perfect any one medium or approach to his own painting technique. Difficult problems of painting or composition may be solved here before graduation.

Either semester, one hour. Prerequisite, Ar. 401.

Ar. 403—ADVANCED DESIGN

This course is a continuation of Ar. 203 with specific application of geometric and abstract theory of design to portraits, head-dress, figures, animals, trees in single units, or over-all patterns as applied to household artifacts, clothing and furnishings.

Either semester, one hour. Prerequisite, Ar. 203.

DIVISION OF MUSIC

Herbert W. Hoover, M. A., Chairman

The Division of Music of the School of Fine Arts includes the departments of music theory, music pedagogy, sacred music, voice, piano, organ, violin and other stringed instruments, wood-wind and brass instruments.

The Bachelor of Arts degree may be earned in this Division with a concentration in sacred music, voice, piano, organ, or violin. The Bachelor of Science degree may be earned in this Division with a concentration in music pedagogy. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each undergraduate student earning a baccalaureate degree with a concentration in the Division of Music is, of course, required to meet the general requirements for his degree as outlined on pages 39 and 40, and to take a secondary concentration in the College of Arts and Sciences.

The Master of Arts degree may be earned in this Division with a major in sacred music, voice, piano, organ, or violin. The Master of Fine Arts degree may be earned by taking certain courses in the Division of Music and certain courses in the Division of Speech. Detailed information will be found on pages 97 and 98.

Credit in applied music (piano, voice, organ, violin, or other instruments) for all students taking applied music is awarded at the discretion of the music faculty, on the basis of the quality of the student's work in the applied music he is taking. In addition, in order to receive credit for applied music, the student must either take Mu. 100, or pass a proficiency examination demonstrating his knowledge of the material covered in Mu. 100. Credit will not be granted, regardless of the quality of the work for any applied music taken before this is done. No student may take work in more than two applied music fields at the same time without the permission of the administration.

DEPARTMENT OF MUSIC THEORY

Mrs. Cochran, Miss Harris, Mrs. Holmes, Mr. Hoover, Mr. Keefer, Mr. Phelps, Miss Rosser, Mr. Scripps, Mr. Skeat, Mrs. Treadway

Undergraduate Courses

MT. 100—BASIC MUSIC THEORY

An elementary course in music theory, dealing with the

basic elements of musical notation, including key-signatures, note-values. Designed for students with little or no previous knowledge of music theory, to prepare them for intelligent study in an applied music field, or for further work in music theory. Both semesters, two hours each semester. No prerequisite.

MT. 101—BEGINNING SIGHT-SINGING

Three periods per week are spent in sight-singing and in taking simple melodic dictation. Both semesters, two hours each semester. Prerequisite, MT. 100 or the equivalent.

MT. 200—BEGINNING HARMONY

Scales, intervals, principal and secondary triads, dominant seventh chord, modulations to closely related keys, dominant ninth, secondary seventh chords, melodies and figured basses, collateral keyboard harmony. Both semesters, two hours each semester. Prerequisite, MT. 101.

MT. 201—ADVANCED SIGHT-SINGING AND EAR TRAINING

Two periods per week are spent in sight-singing and in taking melodic and harmonic dictation. Both semesters, two hours each semester. Prerequisite, MT. 101.

MT. 300—ADVANCED HARMONY

Modulations in general, altered and mixed triads, seventh chords, non-harmonic tones, harmonization of florid melodies, advanced keyboard harmony. Both semesters, two hours each semester. Prerequisite, MT. 200.

MT. 301—CHORAL CONDUCTING

A course in the essentials of conducting, baton technique, interpretation, and repertoire in choral music. The conducting of various choral groups is studied and practised from records and choral scores. Students who show the requisite ability may be given opportunity to conduct the university choral society. First semester, two hours. Prerequisite, MT. 101.

MT. 302—ORCHESTRAL CONDUCTING

A course in the technique of orchestral conducting, in-

cluding study of orchestral scores, practice in score-reading, study of the orchestral instruments, the various types of orchestra, and practice in orchestral conducting from records with full orchestra score. Students who show the requisite ability may be given opportunity to conduct the university symphony.

Second semester, two hours. Prerequisite, MT. 301.

MT. 303—ORCHESTRATION

A study of the technique of writing for the orchestral instruments. Actual practice in score-writing for string and wood-wind groups, and for full orchestra. Analysis of selected scores of Mozart, Beethoven, Wagner, Brahms, Rimsky-Korsakoff, and Ravel. Both semesters, two hours each semester. Prerequisite, MT. 200.

MT. 400—HISTORY OF MUSIC

The work in music history is approached not only from the standpoint of the growth of music through the ages, but also in the light of the varying aesthetic ideals and thought movements; thus, in a sense, this study is musicological in scope. The student is guided from the study of ancient Hebrew and Greek music through the Church age, the Baroque, classical, romantic, and impressionist periods to the modern schools of expressionism and atonality.

Both semesters, three hours each semester. No prerequisite.

MT. 401—COUNTERPOINT

Strict counterpoint in all species in two, three, and four voices; two voice canon; the writing of two and three part inventions.

Both semesters, two hours each semester. Prerequisite, MT. 300.

Graduate Courses

MT. 500—ORCHESTRAL CONDUCTING AND SCORE READING

Study of orchestral conducting, applied practically; study of orchestral materials, with conducting of recorded ensembles and symphonies from full orchestra score.

Both semesters, two hours each semester.

MT. 501—FORM AND ANALYSIS

Study of the phrase and its subdivisions, the period, binary and ternary forms; analysis of the styles of the small and large forms of musical composition.

Both semesters, two hours each semester.

MT. 502—KEYBOARD HARMONY

Keyboard harmonization of melodies and basses, sequences, cadences, modulations, transposition, and improvisation.

Both semesters, two hours each semester.

MT. 503—MODERN HARMONY

Study of the works and idioms of modern composers from Debussy to the present day; the technique of the impressionistic, atonal, polytonal, and neo-classic schools.

Both semesters, two hours each semester.

MT. 504—COMPOSITION

Composition in smaller forms for piano, voice, and other instruments; simple song forms, rondo, theme and variations, and sonata form.

Both semesters, two hours each semester.

MT. 505—MUSICOLOGY

Study of music as an art from a scientific, psychological, aesthetic, and historical standpoint; technique and methods in musicological research.

Both semesters, two hours each semester.

DEPARTMENT OF MUSIC PEDAGOGY

Mrs. Cochrane, Mr. Phelps, Miss Rosser, Mr. Scripps,
Mrs. Teetor

Undergraduate Courses

Students concentrating in music pedagogy must upon entrance demonstrate a certain native ability in music, and have a knowledge of elementary theory equivalent to that covered in MT. 100. The requirements for concentration in music pedagogy are 36 hours, including MT. 101, 200, 201, 300, 301, 303A, 400, MP. 201, 202, 301, 302, and six hours of one applied music. In addition, each student concentrating in this field must take at least 18 hours in the School of Education, including MP. 200 or 300, and must meet the certification requirements of some state. Before gradua-

tion, the student must demonstrate proficiency in his chosen field of applied music to the satisfaction of the music faculty. Each student must qualify in piano through sophomore piano requirements. If his proficiency is piano, he must qualify in some other instrument through sophomore requirements.

MP. 200—TEACHING MUSIC IN THE ELEMENTARY SCHOOL

Examination and consideration of music in relation to the growth of the child; study of the needs of the child in relation to song repertory, rhythm development, dramatic play, music appreciation, creative expression, music reading, part-singing, and beginning instrumental work. Discussion of available music materials and curricular plans. Offered by the School of Education.

Both semesters, two hours each semester. Prerequisite, MT. 100.

MP. 201—STRING INSTRUMENTS

A course designed to give the prospective teacher of music a working knowledge of the orchestral string instruments. Upon completion of the course, the student will be required to play at sight from material for string instruments selected by the music faculty.

First semester, one hour. Prerequisite, MT. 100.

MP. 202—WOOD-WIND INSTRUMENTS

A course designed to give the prospective teacher of music a working knowledge of the orchestral wood-wind instruments. Upon completion of the course, the student will be required to play at sight from material for wood-wind instruments selected by the music faculty.

Second semester, one hour. Prerequisite, MT. 100.

MP. 300—TEACHING MUSIC IN THE SECONDARY SCHOOL

The place of music in the life of the adolescent youth; study of methods of teaching, class instruction of voice, band, and orchestral instruments; the changing voice; voice testing and part-singing; role of music in relation to the secondary school; study of available materials.

Offered by the School of Education.

First semester, three hours. Prerequisite, MT. 100.

MP. 301—BRASS INSTRUMENTS

A course designed to give the prospective teacher of

music a working knowledge of the orchestral brass instruments. Upon completion of the course, the student will be required to play at sight from material for brass instruments selected by the music faculty.
First semester, one hour. Prerequisite, MT. 100.

MP. 302—ENSEMBLE PLAYING

Practice in playing the various orchestral instruments in small instrumental ensembles. In certain cases, participation in the college orchestra may be substituted for this course.
Second semester, one hour. Prerequisite, MP. 201, 202, 301.

DEPARTMENT OF SACRED MUSIC

Mrs. Carruth, Mrs. Holmes, Mr. Hoover, Mr. Scripps,
Mrs. Scripps, Mr. Skeat, Mrs. Treadway

Undergraduate Courses

The requirements for concentration in sacred music are 30 hours, including MT. 101, 200, 300, 301, 303A, 400, SM. 301, and 4 hours of applied music in one field. In addition, CE. 406 and Sp. 300 must be elected. Students concentrating in sacred music must gain a practical knowledge of voice, piano, and organ, or other approved applied music, satisfactory to the music faculty, and must achieve proficiency in one of these. In the senior year, the student is required to arrange, for voices and orchestra, a sacred composition selected in consultation with the music faculty. A limited number of the best arrangements are chosen by the music faculty for a public performance, conducted by the student-arranger.

SM. 100—BEGINNING GOSPEL SONG AND HYMN PLAYING

Special stress is laid on song and hymn repertoire in all keys and rhythms. An elementary study of chord formation is presented and the student is trained in devices for congregational accompaniment.
Both semesters, no credit. Prerequisite, MT. 100.

SM. 200—INTERMEDIATE GOSPEL SONG AND HYMN PLAYING

This course includes sight-reading of songs and hymns and a further study of chord formation, transposition,

medley grouping, improvisation, solo and congregational accompaniment.
Both semesters, one hour each semester. Prerequisite, SM. 100.

SM. 201—EVANGELISTIC SONG LEADING

A course designed to meet the needs of students who wish training in the conducting of evangelistic singing rather than more advanced choral and orchestral conducting. It includes the study of the basic mechanical forms of rhythm, the fundamentals of beating time, the choosing of hymns and gospel songs for evangelistic musical programs, the smaller forms of the hymn-antem used for youth choirs and chorus groups in evangelistic services, the use and interpretation of the gospel song, in solo, duet, trio, and other ensemble groups.
First semester, two hours. Prerequisite, MT. 100.

SM. 300—EVANGELISTIC PLAYING AND HYMN TRANSCRIPTION

Evangelistic playing of Gospel songs and hymns requires a thorough foundation of hymn playing and theory. From this point, the student works over various types of hymns in orchestral style. Other aspects of original pianistic treatment of sacred music are introduced as the need and musicianship of the student manifests themselves.
Both semesters, one hour each semester. Prerequisite, SM. 200.

SM. 301—MUSIC IN WORSHIP

A study of the responsibilities and problems of the church musical director, and the use of music in relation to the various forms of worship service. Practical applications in improvisation, transposition, and simple hymn arrangements, including solos, duets, trios, and quartets. Study of the problems of the choir director; the organization, rehearsal, equipment, and repertory of the choir. Practical applications in choral and orchestral arrangements of hymns.
Both semesters, two hours each semester. Prerequisite, MT. 200.

Graduate Courses

For a major in sacred music, the student will take SM. 508, 9 additional hours in the department of sacred music, 9 hours in the department of music theory, and 4 hours in

applied music. In addition, he will take 6 hours in the field of speech, unless, in the opinion of the faculty, the student displays sufficient experience in platform technique and deportment. In such a case, the 6 hours must be earned in some other elective.

Before graduation, the student shall attain proficiency satisfactory to the music faculty in voice, violin, piano, or organ. He shall also prepare a creative project, such as the composition and public presentation of an original brief cantata or a similar assignment. In certain cases, the preparation of a thesis of high scholastic quality may be permitted in lieu of a creative project. The project or the thesis must be approved by the student's faculty adviser during the first half-semester of graduate study, and must be completed and approved by the music faculty at least ninety days in advance of graduation.

SM. 500—THE HISTORY OF THE DEVELOPMENT OF MUSIC IN WORSHIP

Liturgical music from the time of the early Christian church; Gregorian chant; polyphonic choral schools and their culmination in Palestrina, Bach, Haydn, Mendelssohn, and the Russian choral school of church music. Both semesters, two hours each semester.

SM. 501—MUSIC FOR THE CHURCH YEAR

Planning the music for a non-liturgical service throughout the church year, including the selection of suitable solos, anthems, and voluntaries. Both semesters, two hours each semester.

SM. 502—PSYCHOLOGY OF GOSPEL SONG DIRECTING

Study of the psychological effect of different type songs upon an audience and the use of Gospel songs in preparing the audience for the sermon. Study and application of various techniques to stimulate audience singing. First semester, three hours.

SM. 503—CANTATA AND ORATORIO

A survey of the historical development and an analytical study of representative works of Schuetz, Bach, Handel, Haydn, Mendelssohn, and modern writers of cantata and oratorio. Both semesters, two hours each semester.

SM. 504—CHORAL ARRANGING

Arranging of Gospel songs, hymns, and other sacred

works for use as duet, trio, and ensemble numbers. Both semesters, two hours each semester.

SM. 505—THE GREAT LITURGIES

Survey of Jewish, Greek, Russian, Roman Catholic, and Protestant liturgies. Both semesters, two hours each semester.

SM. 506—THE YOUTH CHOIR

Voice training and placement, selection of suitable repertoire for junior, intermediate, and young people's choirs. First semester, two hours.

SM. 507—THE ADULT CHOIR

Group voice technique, repertoire of anthems, easy to difficult advancement. Second semester, two hours.

SM. 508—PROFESSIONAL PRACTICE

Actual conducting of congregational singing, coaching of instrumental or vocal ensemble groups, and other practical musical experience under faculty observation and direction. Both semesters, one hour each semester.

DEPARTMENT OF VOICE

Mr. Brown, Mrs. Carruth, Mr. Cretser, Mr. Hoover, Miss Hudson, Miss Kiefer, Miss Levinson, Mrs. Schaper

Undergraduate Courses

Students concentrating in voice need have no previous formal training, but certain native abilities must be in evidence. The requirements for concentration in voice are 30 hours, including MT. 101, 200, 201, 300, 400, Vo. 100, 200, 300, and 400. In addition, Sp. 300 and LL. 300 must be elected. Students must pass sophomore examinations in voice before being considered approved for concentration in voice. A public recital must be given before graduation.

Singing implies natural gifts of voice developed by study to such a degree of technical skill as makes the voice responsive to the will. Musicianship is essential. Interpretive power is possible only for those who have a fine technical foundation. No previous training in voice is required for entrance to voice study; however, the student should have had training in the elements of music, including one or more years of

piano study. Students who graduate with a concentration in voice must pass an examination in piano given by the piano faculty, and it is therefore advisable that piano be elected as soon as possible. Students who plan to concentrate in voice should elect as their language requirement Italian, French, or German. Any voice student may be required to hold membership in any of the college choral groups.

Vo. 100—FRESHMAN VOICE

Study of the fundamentals of correct breathing and tone production; simple vocalizes; principles of phonetics as applied to singing; simple songs in Italian or English. Both semesters, one hour each semester. Prerequisite, sufficient native ability.

Vo. 101—BEGINNING VOICE CLASS

A study of the fundamentals of voice production and elementary theory. Both semesters, no credit. No prerequisite.

Vo. 200—SOPHOMORE VOICE

Establishment of the principles of song projection and stage deportment; vocalizes of medium difficulty; songs of the old Italian classics, early French, German Lieder, and old English; simple operatic arias. Both semesters, one hour each semester. Prerequisite, Vo. 100.

Vo. 300—JUNIOR VOICE

Continued study of vocalizes; operatic arias—French, German, or Italian; selections from the lighter oratorios and cantatas; English songs of medium difficulty. Preparation for senior recital. Both semesters, one hour each semester. Prerequisite, Vo. 200.

Vo. 400—SENIOR VOICE

More difficult operatic arias; selections from the heavier works of oratorio; modern English songs; graduate recital presenting selections from the Italian, French, or German schools, old English and modern English, with an operatic aria of at least medium difficulty. Both semesters, one hour each semester. Prerequisite, Vo. 300.

It is understood, of course, that the outlines of voice material given above are flexible, and the material studied on each level will be adapted to the student's individual capac-

ities and needs, along the broad outlines of the work indicated above.

Graduate Courses

For a major in voice, the student will take MT. 506, Vo. 500, 501, 502, 4 additional hours in the department of music theory, and 6 hours of a foreign language.

Before graduation, the student will present a recital in voice, the program for which must be approved by his faculty adviser during the first half-semester of graduate study. A student concentrating in voice must have a reading knowledge in either French, German, or Italian, and must be able to pronounce correctly all three.

Vo. 500—GRADUATE VOICE

Both semesters, credit varying from one to four hours each semester, depending upon the amount and quality of work done and the recommendation of the voice faculty.

Vo. 501—VOICE LITERATURE

A detailed survey of the literature in voice with special emphasis on analysis, style, and development of technique. Both semesters, two hours each semester.

Vo. 502—TEACHING METHODS IN VOICE

Analyzation and classification of elementary and advanced teaching methods; practice teaching. Both semesters, two hours each semester.

DEPARTMENT OF PIANO

Mr. Brooks, Miss Felder, Miss Harris, Mrs. Holmes, Mr. Keefer, Miss A. McKenzie, Miss Meller, Miss Murray, Miss Perry, Mrs. Pyfrom, Mrs. Scripps

Undergraduate Courses

Students concentrating in piano must qualify on entrance through fourth grade piano material. The requirements for concentration in piano are 30 hours including MT. 101, 200, 201, 300, 400, Pi. 100, 200, 300, and 400. In addition, Sp. 300 must be elected. Students must pass sophomore examinations in piano before being considered approved for concentration in piano. A public recital must be given before graduation.

The purpose of the department is to meet adequately the

individual needs of each student, whether it has to do with requirements for a voice, violin, organ major, or solo-artist performance. A piano student is guided through training in proper tone, touch, hand culture, reading, keyboard harmony, accompanying, technique, and interpretation. A background of appreciation of the vast literature of piano is supplied for the students of the department; this is considered to be of primary importance as well as the specific study of individual selections. Repertoire classes which meet at regular intervals give the students opportunities of performing publicly and for one another.

The study of the piano for use especially in evangelistic and other Christian work is described above in the section of the catalogue devoted to the department of sacred music.

- Pi. 100—FRESHMAN PIANO
Study in acquiring sound, authoritative technique; Bach: Two and Three-Part Inventions; careful study and performance of suitable compositions from the works of Mozart, Beethoven, Chopin, Schumann, and Debussy. Practical accompanying experience.
Both semesters, one hour each semester. Prerequisite, ability to play fourth grade piano material.
- Pi. 101—BEGINNING PIANO CLASS
Written work and playing of intervals, triads, and scales provide the beginner with a mental and analytical approach to the piano. Practice on the keyboard includes the playing of various technical exercises, simple hymn arrangements, easy classics.
Both semesters, no credit. No prerequisite.
- Pi. 200—SOPHOMORE PIANO
A continuation and intensification of the work described under Pi. 100.
Both semesters, one hour each semester. Prerequisite, Pi. 100.
- Pi. 300—JUNIOR PIANO
Further study of classic piano works, together with preparation of the senior recital.
Both semesters, one hour each semester. Prerequisite, Pi. 200.
- Pi. 400—SENIOR PIANO
Preparation and presentation of senior recital program, consisting of such representative compositions as Bach:

Prelude and Fugue from the Well-Tempered Clavichord; Beethoven: Sonata, Op. 81A; Schumann, Fantasy Pieces; Chopin: Nocturnes or Polonaises; Debussy: Images. Advanced accompanying.

Both semesters, one hour each semester. Prerequisite, Pi. 300.

It is understood, of course, that the outlines of piano material given above are flexible, and the material studied on each level will be adapted to the student's individual capacities and needs, along the broad outlines of the work indicated above.

Graduate Courses

For a major in piano, the student will take MT. 506, Pi. 500, 501, 502, 4 additional hours in the department of music theory, and 6 hours of a foreign language.

Before graduation, the student will present a recital in piano, the program for which must be approved by his faculty adviser during the first half-semester of graduate study.

- Pi. 500—GRADUATE PIANO
Both semesters, credit varying from one to four hours each semester, depending upon the amount and quality of work done and the recommendation of the piano faculty.
- Pi. 501—PIANO LITERATURE
A detailed survey of the literature in piano with special emphasis on analysis, style, and development of technique.
Both semesters, two hours each semester.
- Pi. 502—TEACHING METHODS IN PIANO
Analyzation and classification of elementary and advanced teaching methods; practice teaching.
Both semesters, two hours each semester.

DEPARTMENT OF ORGAN

Mr. Keefer, Miss Sahlin, Mr. Skeat

Undergraduate Courses

Students concentrating in organ must qualify on entrance through fourth grade piano material. The requirements for concentration in organ are 30 hours, including MT. 101, 200, 201, 300, 400, Or. 100, 200, 300, and 400. In addition, Sp. 300 must be elected. Students must pass sophomore

examinations in organ before being considered approved for concentration in organ. A public recital must be given before graduation.

A well-established piano technique is a prerequisite to good organ playing. Students who desire to study organ will be given an entrance examination in piano at the beginning of the year to show their aptitude and talent. The result of this test will determine whether the student is ready to take up the study of organ. Before graduation in organ, a student must qualify through sophomore piano requirements.

Or. 100—FRESHMAN ORGAN

E. S. Barnes: School of Organ Playing; preparatory studies for manuals and pedals alone; trios for manuals and pedals; Bach: Short Preludes and Fugues, Pastorale, selected choral preludes (Orgelbuechlein), hymn tunes: one and two manuals, with and without pedals. Both semesters, one hour each semester. Prerequisite, fourth grade piano material.

Or. 101—BEGINNING ORGAN CLASS

A study of the fundamentals of organ technique; hymns; simple trios and pieces. Both semesters, no credit. Prerequisite, examination in piano technique.

Or. 200—SOPHOMORE ORGAN

W. T. Best: The Art of Organ Playing, Book II; Bach: Short Preludes and Fugues; selected chorale preludes, Trio Sonata I; Mendelssohn: Sonata II or V; Franck: Andantino or Cantabile; a sonata equal to the Rheinberger Pastoral or Guilmant No. III; practical experience in accompanying, modulation, and transposition. Both semesters, one hour each semester. Prerequisite, Or. 100.

Or. 300—JUNIOR ORGAN

Advanced technique; Bach: Trio Sonata II or III, Little Fugue in G minor, Preludes and Fugues in C major and minor; Buxtehude: Prelude, Fugue, and Chaconne; Mendelssohn: Sonata I or III; a Handel Concerto; Rheinberger: Sonata in A minor; or Borowski: Sonata No. 1; Franck: Pastorale, Prelude, Fugue and Variations; Widor: Symphony IV; preparation for senior recital. Both semesters, one hour each semester. Prerequisite, Or. 200.

Or. 400—SENIOR ORGAN

Bach: Trio Sonata IV or V, Toccata and Fugue in D minor, Fantasie and Fugue in G minor, Prelude and Fugue in D minor; Mendelssohn: Sonata IV or VI; Franck: Piece Heroique; Widor: Symphony V; or Vierne: Symphony I; representative pieces of modern composers; performance of a public recital.

Both semesters, one hour each semester. Prerequisite, Or. 300.

It is understood, of course, that the outlines of organ material given above are flexible, and the material studied on each level will be adapted to the student's individual capacities and needs, along the broad outlines of the work indicated above.

Graduate Courses

For a major in organ, the student will take MT. 506, Or. 500, 501, 502, 4 additional hours in the department of music theory, and 6 hours of a foreign language.

Before graduation, the student will present a recital in organ, the program for which must be approved by his faculty adviser during the first half-semester of graduate study.

Or. 500—GRADUATE ORGAN

Both semesters, credit varying from one to four hours each semester, depending upon the amount and quality of work done and the recommendation of the organ faculty.

Or. 501—ORGAN LITERATURE

A detailed survey of the literature in organ with special emphasis on analysis, style, and development of technique.

Both semesters, two hours each semester.

Or. 502—TEACHING METHODS IN ORGAN

Analyzation and classification of elementary and advanced teaching methods; practice teaching. Both semesters, two hours each semester.

DEPARTMENT OF VIOLIN AND OTHER STRINGED INSTRUMENTS

Miss Rosser, Miss Woods

Undergraduate Courses

Students concentrating in violin must qualify on entrance

through four years of preparatory study. The requirements for concentration in violin are 30 hours, including MT. 101, 200, 201, 300, 400, Vi. 100, 200, 300, and 400. In addition, Sp. 300 must be elected. Students must pass sophomore examinations in violin before being considered approved for concentration in violin. A public recital must be given before graduation. Before graduation the student must pass an examination in piano given by the piano faculty.

Vi. 100—FRESHMAN VIOLIN

Attention to all technical deficiencies; scales, arpeggios, trills, broken thirds, double stops, and bowings; studies from Wohlfahrt, Kreutzer, Schradieck, and Sevcik; sonatas of Handel, Mozart, Schubert, and old Italian masters; pieces by classical composers.

Both semesters, one hour each semester, Prerequisite, four years of violin study.

Vi. 101—BEGINNING VIOLIN CLASS

Elementary violin technique, with appropriate technical exercises and study of simple pieces.

Both semesters, no credit. No prerequisite.

Vi. 200—SOPHOMORE VIOLIN

Two finger scales in all positions and keys, three octave scales, technical exercises for trills, etc.; studies from Kreutzer, Fiorillo, Schradieck, and Sevcik; selections from Bach solo sonatas, sonatas of Handel, Mozart, Schubert, Dvorak, Op. 100; pieces by classical and modern composers; concertos of Bach, Vivaldi, and Mozart. Both semesters, one hour each semester. Prerequisite, Vi. 100.

Vi. 300—JUNIOR VIOLIN

Continuation of scales, exercises for finger dexterity and deftness of the bow arm; studies of Kreutzer and Fiorillo; solo sonatas, Bach; sonatas of Handel, Mozart, Beethoven, Grieg, Brahms; pieces by classical and modern composers; concertos of Bach and Mozart; preparation and memorization of senior recital.

Both semesters, one hour each semester. Prerequisite, Vi. 200.

Vi. 400—SENIOR VIOLIN

Continuation of scales and technical studies; studies from Kreutzer, Fiorillo, and Dant; sonatas of Bach; sonatas for violin and piano, Mozart, Beethoven, Grieg,

Brahms, Franck; concertos of Bach, Mozart, Beethoven, Mendelssohn, Bruch; pieces by classical and modern composers; senior recital.

Both semesters, one hour each semester. Prerequisite, Vi. 300.

It is understood, of course, that the outlines of violin material given above are flexible, and the material studied on each level will be adapted to the student's individual capacities and needs, along the broad outlines of the work indicated above.

Graduate Courses

For a major in violin, the student will take MT. 506, Vi. 500, 501, 502, 4 additional hours in the department of music theory, and 6 hours of a foreign language. Before graduation, the student will present a recital in his applied music major, the program for which must be approved by his faculty adviser during the first half-semester of graduate study.

Vi. 500—GRADUATE VIOLIN

Both semesters, credit varying from one to four hours each semester, depending upon the amount and quality of work done and the recommendation of the violin faculty.

Vi. 501—VIOLIN LITERATURE

A detailed survey of the literature in violin with special emphasis on analysis, style, and development of technique.

Both semesters, two hours each semester.

Vi. 502—TEACHING METHODS IN VIOLIN

Analyzation and classification of elementary and advanced teaching methods; practice teaching.

Both semesters, two hours each semester.

DEPARTMENT OF WOODWIND AND BRASS INSTRUMENTS

Mr. Phelps, Mr. Scripps

Although the University does not offer concentrations in instruments other than piano, organ, and violin, it does offer instruction in the standard orchestral instruments. Courses in these instruments are arranged according to the need and demand. Participation in the University symphony provides abundant opportunity for development of ability. Students who show the requisite ability are expected to hold membership in the orchestra.

DIVISION OF SPEECH

Miriam R. Bonner, M. A., Ph. D., Chairman

The Division of Speech of the School of Fine Arts includes the departments of interpretive speech, public speaking, dramatic production, radio production, speech pedagogy, and the speech clinic.

The Bachelor of Arts degree may be earned in this Division with a concentration in interpretive speech, public speaking, dramatic production, or radio production. The Bachelor of Science degree may be earned in this Division with a concentration in speech pedagogy. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each undergraduate student earning a baccalaureate degree with a concentration in the Division of Speech is, of course, required to meet the general requirements for his degree as outlined on pages 39 and 40, and to take a secondary concentration in the College of Arts and Sciences.

The Master of Arts degree may be earned in this Division with a major in interpretive speech, public speaking, dramatic production, or radio production. The Master of Fine Arts degree may be earned by taking certain courses in the Division of Speech and certain courses in the Division of Music. Detailed information concerning the requirements for these degrees will be found on pages 97 and 98.

Divisional Courses

Miss Barker, Miss Blackhall, Dr. Bonner, Miss Britt, Mrs. Campbell, Mr. Carr, Mrs. Neal, Mrs. Parris, Mr. Pratt, Mrs. Pyfrom, Mr. Van Gelderen

Undergraduate Courses

- Sp. 100—FUNDAMENTALS OF SPEECH
An introductory course to the field of speech, dealing with the various problems of speaking before an audience, and specific to individual needs.
Both semesters, three hours each semester. No prerequisite.
- Sp. 101—TRAINING THE SPEAKING VOICE
A course to be elected in addition to Sp. 100 by students who need special help in overcoming speech dif-

ficulties.

Second semester, one hour. Parallel, Sp. 100.

- Sp. 300—AUDIENCE CONTROL
A study of audience psychology and its relation to the planning of programs and the development of platform personality. Required of all students concentrating in speech and music who are working for the Bachelor of Arts degree.
First semester, one hour. Prerequisite, Sp. 100.

Graduate Courses

- Sp. 500—VOICE SCIENCE
Study of anatomy, physiology, and physics of speech and hearing.
First semester, three hours.
- Sp. 501—WRITING AND ARRANGING DRAMATIC MATERIAL
An advanced course dealing with writing and arranging of dramatic material for public performance.
Both semesters, three hours each semester.

DEPARTMENT OF INTERPRETIVE SPEECH

Mrs. Campbell, Mrs. Edwards, Mrs. Parris, Mrs. Stenholm

Undergraduate Courses

The requirements for concentration in interpretive speech are 30 hours, including Sp. 100, 300, IS. 200, 201, 300, 400, and 4 additional hours of electives in interpretive speech. The remaining 9 hours may be chosen from speech courses in other departments, in consultation with the head of the department. A public recital must be given before graduation.

- IS. 200—ORAL INTERPRETATION OF POETRY
Developing understanding of thought and motion of poetic forms and mastering the technique of communicating these to an audience.
First semester, three hours. Prerequisite, Sp. 100.
- IS. 201—ORAL INTERPRETATION OF DRAMATIC AND NARRATIVE LITERATURE
Analysis of basic principles and techniques of character conception and portrayal, and platform presentation of selected scenes by individuals. Training in story-tell-

ing and narrative oral reading.

Second semester, three hours. Prerequisite, Sp. 100.

- IS. 300—PRIVATE LESSONS IN INTERPRETIVE SPEECH
Open only to juniors concentrating in interpretive speech.
Both semesters, one hour each semester. Prerequisite, IS. 200, 201.

- IS. 301—STORY-TELLING
Especially helpful to those interested in children's work. Studying narrative forms for presentation with and without materials and aids.
First semester, two hours. Prerequisite, Sp. 100. (Offered 1946-47 and alternate years thereafter.)

- IS. 400—PRIVATE LESSONS IN INTERPRETIVE SPEECH
Open only to seniors concentrating in interpretive speech.
Both semesters, one hour each semester. Prerequisite, IS. 200.

- IS. 401—ACTING
Technical study of theories, with practice in the art of acting, including practical experience.
First semester, two hours. Prerequisite, IS. 201. (Offered 1947-48 and alternate years thereafter.)

- IS. 402—PANTOMIME
Study of principles of bodily action for characterization and impersonation, with emphasis on personality development and drills for individual improvement.
Second semester, two hours. Prerequisite, Sp. 100. (Offered 1947-48 and alternate years thereafter.)

Graduate Courses

For a major in interpretive speech, the student will take courses in pantomime, story-telling, interpretation of prose and poetry, choric reading, characterization, as well as the two generally required courses, and may elect courses in public speaking, dramatics, etc., with cognates as above. For his project he will perhaps: (1) write a complete analysis of, and give a lecture-recital on some work of prose or poetry, or some group of works; (2) prepare and produce a Vesper program, writing a critical analysis of all the speech work on the program; (3) write an analysis of the material

and produce a half-hour choric speaking program; (4) make some arrangement of dramatic material for public recital, and give it.

Students may also take a major in platform arts, combining interpretive speech and public speaking. For this major, a student will take courses in pantomime, story-telling, interpretation, advanced public speaking, debate, etc., at the discretion of a faculty adviser, as well as the courses required of all students, and may elect other courses in speech. In cognate fields he may take logic, psychology, physiology, literature, composition, music, art, etc. For his project he will give a lecture-recital, with material for interpretation chosen under the supervision of a faculty adviser. Courses in the department of public speaking will be found below under that department.

- IS. 500—PRIVATE LESSONS IN INTERPRETIVE SPEECH
Both semesters, one hour each semester.

- IS. 501—INTERPRETATION AND CREATION OF MONOLOGUES

A course including interpretation of monologues as well as the creation of original sketches from history, fiction, and life for public presentation.
Second semester, one or two hours.

- IS. 502—SEMINAR IN ADVANCED INTERPRETATION
Selected problems in interpretation are studied, discussed, and solved.
First semester, two hours.

DEPARTMENT OF PUBLIC SPEAKING

Dr. Bonner, Mr. Carr, Dr. Jones

Undergraduate Courses

The requirements for concentration in public speaking are 30 hours, including Sp. 100, 300, Pu. 200, 300, and 6 additional hours of electives in the department of public speaking. The remaining 9 hours may be chosen from speech courses in other departments in consultation with the head of the department. A special project in platform speaking must be given publicly before graduation.

- Pu. 200—PUBLIC SPEAKING
Preparation and delivery of speeches for different occasions, with study of great speeches of the past and present.

Both semesters, three hours each semester. Prerequisite, Sp. 100.

- Pu. 300—THE LECTURE AND LECTURE-RECITAL
A course appropriate for students of music as well as of speech. Study of techniques and practice in giving lectures and lecture-recitals.
Second semester, two hours. Prerequisite, Sp. 100. (Offered 1947-48 and alternate years thereafter.)
- Pu. 301—PULPIT SPEECH
A course intended for training in the oral reading of Scripture, the conducting of various types of religious services, and the effective preparation and presentation of sermon material.
Both semesters, two hours each semester. Prerequisite, Sp. 100. (Offered 1947-48 and alternate years thereafter.)
- Pu. 400—DISCUSSION
Study of the types of public discussion—the panel, forum, etc., with experimental work in these forms.
First semester, three hours. Prerequisite, Sp. 100. (Offered 1946-47 and alternate years thereafter.)
- Pu. 401—DEBATE
Study of the forms of persuasive speaking, and types of debating, with platform practice.
Second semester, three hours. Prerequisite, Sp. 100. (Offered 1946-47 and alternate years thereafter.)

Graduate Courses

For a major in public speaking, a student will take advanced public speaking, debate, discussion, etc. For his project he may choose: (1) a lecture, plus full-content outline and complete analysis of same; (2) coaching a debate team; (3) planning and conducting a panel discussion before an audience; (4) a brief test of his platform ability, with a dissertation on the life and work of some great speaker; (5) same as (4), except with complete analysis of ten selected forms of public speech; (6) lecture, and biographical paper on some great minister, analyzing his style, work, and audience psychology.

Students may also take a major in platform arts, combining public speaking and interpretive speech. For this major, a student will take courses in advanced public speaking, de-

bate, pantomime, story-telling, interpretation, etc., at the discretion of a faculty adviser, as well as the courses required of all students, and may elect other courses in speech. In cognate fields he may take logic, psychology, physiology, literature, composition, music, art, etc. For his project he will give a lecture-recital, with material for interpretation chosen under the supervision of a faculty adviser. Courses in the department of interpretation will be found above under that department.

- Pu. 500—HISTORY OF ORATORY
Historical backgrounds are studied, and speeches analyzed, with practical emphasis on improving the student speaker's style.
First semester, two hours.
- Pu. 501—HISTORY OF PREACHING
A study of biographies, methods of speaking, and analysis of sermonic styles of great preachers through the years. Recommended also for majors in certain fields in the School of Religion.
Second semester, two hours.

DEPARTMENT OF DRAMATIC PRODUCTION

Mr. Carr, Dr. Jones, Miss Parker

Undergraduate Courses

The requirements for concentration in dramatic production are 30 hours, including Sp. 100, 300, DP. 200, and 9 additional hours of electives in dramatic production. The remaining 8 hours may be chosen from speech courses in other departments in consultation with the head of the department. A project in connection with mounting and producing a dramatic or musical production must be completed before graduation.

- DP. 200—PLAY PRODUCTION
Principles of stage design, lighting, acting, directing, make-up, and other phases of production, with practical experience in the Shakespearean and Vesper productions of the college.
Both semesters, three hours each semester. Prerequisite, Sp. 100.
- DP. 300—DIRECTING
Study and discussion of the general problems of direct-

ing. Observation and reports on rehearsals of college productions and directing of scenes in class.
Second semester, two hours. Prerequisite, DP. 200.
(Offered 1947-48 and alternate years thereafter.)

DP. 400—STAGING AND SCENIC DESIGN

Study of the principles of the design and construction of scenery, flats, drops, etc., with methods and procedures demonstrated and practiced.
Both semesters, three hours each semester. Prerequisite, DP. 200.

DP. 401—COSTUMING

Detailed study of historical periods, principles of costume design, and creation of costumes, with practical applications.
First semester, two hours. Prerequisite, DP. 200. (Offered 1946-47 and alternate years thereafter.)

DP. 402—STAGE LIGHTING

Principles and theories of lighting with demonstration and practice of the methods and procedures.
Second semester, two hours. Prerequisite, DP. 200.
(Offered 1946-47 and alternate years thereafter.)

Graduate Courses

For a major in dramatic production, the student will take courses at the advice of his faculty adviser in beginning and advanced acting, stage design, production, directing, costuming, lighting, etc. He must take the two courses required of all students, and may take other courses in speech as desired. He may wish to elect in cognate fields such courses as clothing, psychology, literature, creative writing, history and appreciation of art, etc. For his project he may have such choices as: (1) writing and producing an original one-act play; (2) producing a three-act play, making prompt-book, and writing a paper after research on costumes, lighting, or special problems of characterization or production; (3) playing a leading role in a Shakespearean play and writing a full and technical paper on the play's costuming, lighting, stage setting, or characters; (4) being assistant director of a Shakespearean play and doing as in (3).

DP. 500—SEMINAR IN DIRECTING

Consideration of special problems of the director of dramatic productions. Assignments include directing

of scenes in class and for public performance as well as observation at rehearsals of the Classic Players.
First semester, two hours.

DP. 501—PRODUCTION OF RELIGIOUS DRAMA

An application of dramatic principles to the staging of religious plays and pageants.
Second semester, two hours.

DEPARTMENT OF RADIO PRODUCTION

Miss Barker, Mrs. Barnes

Undergraduate Courses

The requirements for concentration in radio production are 30 hours, including Sp. 100, 300, RP. 200, 300, and 6 additional hours of electives in radio production. The remaining 8 hours may be chosen from speech courses in other departments in consultation with the head of the department. A project in some phase of radio production must be completed before graduation.

RP. 200—INTRODUCTION TO RADIO

A history and survey course in the field of radio broadcasting.
First semester, two hours. Prerequisite, Sp. 100.

RP. 300—RADIO PRODUCTION TECHNIQUES

Practical instruction in the production of various types of radio programs, including such kinds as musical, dramatic, etc.
Both semesters, three hours each semester. Prerequisite, Sp. 100.

RP. 301—RADIO ANNOUNCING

Intensive training in microphone techniques in special events, news, music, interview, and audience participation programs.
First semester, two hours. Prerequisite, Sp. 100, LL. 300. (Offered 1947-48 and alternate years thereafter.)

RP. 302—RADIO ACTING

A course in techniques of acting for radio, characterization and interpretation.
First semester, two hours. Prerequisite, IS. 200, 201. (Offered 1946-47 and alternate years thereafter.)

RP. 303—RADIO READING

Study of techniques of reading poetry and narrative

forms from the printed page.

Second semester, two hours. Prerequisite, IS. 200, 201.

RP. 400—RADIO WRITING

Study and practice in writing continuity types, news, documentary and dramatic scripts for radio.

Both semesters, three hours each semester. Prerequisite, Sp. 100, En. 100. (Offered 1947-48 and alternate years thereafter.)

RP. 401—CONTROL ROOM TECHNIQUES

Use of broadcast equipment, including running of sound tables, cutting of transcriptions, studio arrangements, and control board operation.

First semester, two hours. Prerequisite, RP. 300. (Offered 1946-47 and alternate years thereafter.)

RP. 402—RADIO PROGRAM PLANNING AND BUILDING

Methods of doing programs related to audiences, markets, and station facilities.

Second semester, two hours. Prerequisite, RP. 300. (Offered 1946-47 and alternate years thereafter.)

Graduate Courses

For a major in radio production, the student will take courses in fundamentals of broadcasting, radio speaking, production of radio programs, radio writing, etc.; he must take the two generally required courses, and may elect other courses in speech and in such cognate fields as physics, composition, literature, psychology, etc. For his project he may choose: (1) writing and supervision of production of a radio play with report on some specific phase of production; (2) a technical research paper; (3) preparation and production of an hour program of varied numbers; (4) writing a radio serial drama; (5) research on sound effects.

RP. 500—ADVANCED RADIO PRODUCTION TECHNIQUES

Advanced instruction in complex program types.
Both semesters, three hours each semester.

RP. 501—SEMINAR IN PROBLEMS OF RADIO BROADCASTING

First semester, two hours.

DEPARTMENT OF SPEECH PEDAGOGY

Dr. Bonner, Mrs. Stenholm

The requirements for concentration in speech pedagogy are 36 hours, including Sp. 100, Pd. 200, 300, 302, and 5 additional hours of electives in speech pedagogy. Of the remaining 18 hours, 6 are to be chosen from the department of dramatic production, and 6 each from 2 of the 3 departments of interpretive speech, public speaking, and radio production. Each student concentrating in this department must also take at least 18 hours in the School of Education, and must meet the certification requirements of some state.

Pd. 200—VOICE AND DICTION

Study of sound production, to give understanding of how speech is formed, considering the physiological backgrounds.

First semester, two hours. Prerequisite, Sp. 100.

Pd. 201—DYNAMIC PHONETICS

The major emphasis is on application of phonetic principles to study and practice of dialect readings.

Second semester, two hours. Prerequisite, Pd. 200.

Pd. 300—SPEECH CORRECTION

Designed to give some of the simpler theoretical and practical material of remedial speech. Students will cooperate with the speech clinic to receive experience in remedial techniques.

Second semester, two hours. Prerequisite, Sp. 100. (Offered 1947-48 and alternate years thereafter.)

Pd. 301—CHORIC SPEAKING

Materials and methods of choric speaking, with opportunity for practice in directing college productions. A course intended as a practical aid to prospective teachers of English and speech.

Second semester, two hours. Prerequisite, Sp. 100. (Offered 1946-47 and alternate years thereafter.)

Pd. 302—TEACHING SPEECH IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of speech in the high school. Offered by the School of Education.

First semester, three hours.

Pd. 303—HISTORY OF THE THEORIES OF SPEECH

A survey of the systems of speech from ancient to modern times, emphasizing nomenclature and aspects of speech development of present interest.

Second semester, three hours. Prerequisite, Pd. 302.

Pd. 400—PSYCHOLOGY OF SPEECH

A psychological study of communication.

First semester, two hours. Prerequisite, Sp. 100.

SPEECH CLINIC

Dr. Bonner

The department of speech operates a clinic for students who have special difficulty in speech which cannot be corrected by means of ordinary classroom procedure. Diagnosis of the defect is made, and remedial work carried on with the individual student in private consultation, and in small training groups.

School of Education

Zoe Cowen, M. A., Ph. D., Dean

The School of Education of Bob Jones University includes the departments of elementary education, secondary education, educational administration, and psychology.

The Bachelor of Science degree may be earned in these departments with a concentration in elementary education, secondary education, or educational administration. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a degree with a concentration in the School of Education is also required to meet the general requirements for the Bachelor of Science degree by taking courses in the College of Arts and Sciences, and to take a second concentration in one of the departments of the College of Arts and Sciences (except for home economics, which may not be taken as a second concentration by students concentrating in the School of Education).

General Courses

Ed. 100—INTRODUCTION TO EDUCATION

A study of the social and political problems and the educational philosophy of the schools of the United States compared with those of European countries; organizations, curriculum, support, administration, and control in the elementary, secondary, vocational, and higher divisions; the nature of the teaching profession; essential qualifications and personal fitness, and opportunities in the field of education.

First semester, three hours. No prerequisite.

Ed. 200—HISTORY OF EDUCATION

An examination of the origins and development in Europe of our prevailing cultural and educational traditions, and an appraisal of the distinctive patterns of American education from colonial times to the present.

First semester, three hours. No prerequisite.

Ed. 201—PHILOSOPHY OF EDUCATION

Fundamental problems in the field of education considered with a view to the development of an integrated

general outlook.

Second semester, three hours. No prerequisite.

DEPARTMENT OF ELEMENTARY EDUCATION

Dr. Cowen, Instructors from the faculties of the other Schools of the University in the methods courses.

The requirements for concentration in the department of elementary education are 36 hours, including Ed. 100, EE. 100, 101, 200, 201, 202, 203, 300, 301 and 400. In addition, Ps. 200, 201, 300, and En. 201 and 202 must be elected. SS. 200 should be elected in fulfillment of the general requirement in social studies.

All students concentrating in elementary education are required to qualify for an elementary certificate in a state of their choice. If necessary to meet this qualification, certain changes may be made in the above requirements for concentration in particular cases by the head of the department of elementary education.

EE. 100—ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT

A study of the development of the American public school, organization and control; daily program; pupil management; mental and educational tests; new-type examinations; classification and promotion of pupils; school attendance; records and reports; health education.

Second semester, three hours. No prerequisite.

EE. 101—HOMEMAKING

A survey course designed especially for students of the department of elementary education. It includes work in nutrition, gardening, food conservation, housing, clothing, and consumer education.

First semester, three hours. No prerequisite.

EE. 102—GENERAL ARITHMETIC

A study of the fundamental principles of mathematics, including the basic operations of arithmetic, fractions, decimals, and the like, with practical applications especially for elementary school teachers.

Second semester, three hours. No prerequisite.

EE. 200—PHYSICAL EDUCATION FOR ELEMENTARY TEACHERS

This course is planned especially for students of the de-

partment of elementary education. It includes a study of methods and materials used in teaching conditioning exercises, stunts, and tumbling. Story plays and mime-tics, folk rhythms, elementary team games, and singing games are also taken up.

Both semesters, one hour each semester. No prerequisite.

EE. 201—HEALTH EDUCATION

This course is planned primarily for students of the department of elementary education, emphasizing personal and community hygiene. Included in the study of health examination and follow-up are remediable sensory defects, nutrition, posture, detection and control of communicable diseases.

Both semesters, three hours each semester. No prerequisite.

EE. 202—TEACHING ART IN THE ELEMENTARY SCHOOL

A course for grade teachers who wish to become more efficient in the teaching of drawing, design, color, construction, and appreciation. Topics: Drawing—human figures, animals, birds, plants, trees, constructed objects; color; design; lettering, posters and cards; paper and cardboard construction—boxes and booklets; modeling; appreciation.

Both semesters, two hours each semester. No prerequisite.

EE. 203—TEACHING MUSIC IN THE ELEMENTARY SCHOOL

Examination and consideration of music in relation to the growth of the child; study of the needs of the child in relation to song repertory, rhythm development, dramatic play, music appreciation, creative expression, music reading, part-singing, and beginning instrumental work. Discussion of available music materials and curricular plans.

Both semesters, two hours each semester. Prerequisite, Mu. 100.

EE. 300—PROBLEMS OF ELEMENTARY EDUCATION

Advanced work for juniors and seniors. Required of all students concentrating in elementary education.

Both semesters, one hour each semester.

EE. 301—MATERIALS AND METHODS IN THE ELEMENTARY SCHOOL

A course to acquaint the student with aims, purposes, and objectives of the elementary school, and to provide a graduated approach to student teaching in the grades. Various methods and teaching techniques are compared and evaluated. Especial emphasis is given to organization of units of work, lesson planning, and classroom procedures in teaching the fundamental subjects. Second semester, three hours. Prerequisite EE. 100.

EE. 400—SUPERVISED PRACTICE TEACHING IN THE ELEMENTARY SCHOOL

A course to develop by practice the skills and techniques of successful classroom procedures. Following continued observation, the student completes a period of supervised teaching in the elementary public schools. Both semesters, three hours each semester. Prerequisite, EE. 301.

DEPARTMENT OF SECONDARY EDUCATION

Mr. Lewis, Instructors from the faculties of the other Schools of the University in the methods courses.

The requirements for concentration in the department of secondary education are 36 hours, including Ed. 100, Ps. 200, 201, 301, SE. 300, 301, 2 of the courses numbered from SE. 302 through 313, SE. 400, and 6 hours of electives from other courses in the School of Education.

Each student concentrating in secondary education is required to take sufficient work in two fields regularly taught in secondary schools to permit him to teach in those fields, and is required to qualify for a secondary certificate in a state of his choice. If necessary to meet this qualification, certain changes may be made in the above requirements for concentration in particular cases by the head of the department of secondary education.

SE. 300—PRINCIPLES OF SECONDARY EDUCATION

The origin and development of the high school; organization; objective; curriculum; pupil guidance; present practices and trends; relation to elementary school and college.

First semester, three hours. No prerequisite.

SE. 301—GENERAL TEACHING METHODS IN THE SECONDARY SCHOOL

Curriculum; aims and objectives; unit organization for courses; collateral reading material; fusion, correlation, and integration; methods of instruction; study habits; provision for individual differences; measuring the results of instruction creative work.

Second semester, three hours. No prerequisite.

SE. 302—TEACHING BIBLE IN THE SECONDARY SCHOOL

The Bible as a textbook in Christian education; a study of the aims and objectives of Bible teaching; teaching aids; evaluation of methods and materials; lesson building; relating instruction to life.

First semester, three hours. Prerequisite, concentration in the Division of Religion.

SE. 303—TEACHING ART IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of art in the high school.

First semester, three hours. Prerequisite, concentration in the department of art.

SE. 304—TEACHING COMMERCIAL SUBJECTS IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of commercial subjects in the high school.

First semester, three hours. Prerequisite, concentration in the School of Commerce.

SE. 305—TEACHING ENGLISH IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of English in the high school.

First semester, three hours. Prerequisite, concentration in the department of English.

SE. 306—TEACHING FOREIGN LANGUAGE IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of foreign language in the high school.

First semester, three hours. Prerequisite, concentration in the department of ancient or modern languages.

SE. 307—TEACHING THE SOCIAL SCIENCES IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of the social sciences in the high school.

First semester, three hours. Prerequisite, concentration in the Division of Social Sciences.

SE. 308—TEACHING HOME ECONOMICS IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of home economics in the high school.

First semester, three hours. Prerequisite, concentration in the department of home economics.

SE. 309—TEACHING MATHEMATICS IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of mathematics in the high school.

First semester, three hours. Prerequisite, concentration in the department of mathematics.

SE. 310—TEACHING MUSIC IN THE SECONDARY SCHOOL

The place of music in the life of the adolescent youth; study of methods of teaching, class instruction of voice, band, and orchestral instruments; the changing voice; voice testing and part-singing; role of music in relation to the secondary school; study of available materials.

First semester, three hours. Prerequisite, concentration in the department of music.

SE. 311—TEACHING THE NATURAL SCIENCES IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of science in the high school.

First semester, three hours. Prerequisite, concentration in the department of natural sciences.

SE. 312—TEACHING SPEECH IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of speech in the high school.

First semester, three hours. Prerequisite, concentration in the department of speech.

SE. 400—SUPERVISED PRACTICE TEACHING IN THE SECONDARY SCHOOL

An integrated course in observation, participation, conference, and actual teaching. Class management and modern methods of teaching; planning; instruction; supervised study; uses of standard tests; individual instruction. Students will teach in their fields of concentration. The number of hours devoted to teaching, observation, and conference will be varied to meet the requirements of the state in which the student plans to get his certificate.

Both semesters, three hours each semester. Prerequisite or parallel, methods courses in the teaching fields.

SE. 401—METHODS OF TEACHING HOMEMAKING CLASSES FOR ADULTS

A survey of recent developments in adult education with special emphasis upon the field of homemaking education. A study of the promotion and organization of classes, teaching techniques, and materials for adult classes in the vocational home economics program.

Second semester, three hours. Prerequisite, concentration in the department of home economics.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION

Dr. Cowen, Mr. Lewis, Mr. Howey

The requirements for concentration in the department of educational administration are 36 hours, including Ps. 200, 201, 12 hours in the department of elementary education or secondary education, including either EE. 200 or SE. 400, 12 hours in the department of educational administration, including either EA. 400 or 401, and 6 hours of electives in the School of Education.

All students concentrating in educational administration are required to qualify for either an elementary or a secondary certificate in a state of their choice. If necessary to meet this qualification, certain changes may be made in the above requirements for concentration in particular cases by the head of the department of educational administration.

EA. 300—CURRICULUM PHILOSOPHY AND CONSTRUCTION

A study of the nature and function of the curriculum and the way it should be evolved and administered in a school system functioning in a democratic social

order. Emphasis will be given to social and educational objectives and to the nature of the learning processes as these relate themselves to the construction of a curriculum. Organization and grade placement of materials will also be investigated.

Second semester, three hours. No prerequisite.

EA. 301—EDUCATIONAL TESTS AND MEASUREMENTS

A general introduction to tests and measurements as applied to education. Nature, function, and use of measurement in the appraisal of educational products and aspects of personality. Application of measurement to school procedure in pupil classification, guidance, marks, evaluation, and prediction. Survey of different varieties of mental and educational tests.

First semester, three hours. No prerequisite.

EA. 302—EDUCATIONAL AND VOCATIONAL GUIDANCE

The functions and methods of vocational and educational guidance; social, economic, and psychological factors affecting vocational adjustment; assembling and imparting information about occupations through courses, extracurricular and other group activities; counseling regarding educational and vocational plans. Both semesters, three hours each semester. No prerequisite. (Offered 1946-47 and alternate years thereafter.)

EA. 400—ADMINISTRATION OF ELEMENTARY SCHOOLS

A consideration of the problems of the elementary school principal including admission practices, grouping, promotion, school marks, reports to parents, tests, discipline, selection of textbooks and equipment, the school library, supervision and care of the school plant, community relationships, office management, the administration of special classes, attendance service, and types of school organization.

First semester, three hours. Prerequisite, concentration in educational administration.

EA. 401—ADMINISTRATION OF SECONDARY SCHOOLS

A basic professional course for the principalship and for other administrative positions in junior and senior high schools.

Second semester, three hours. Prerequisite, concentration in educational administration.

EA. 402—PROBLEMS OF STUDENT PERSONNEL

Problems relating to student personnel in elementary and secondary education.

First semester, three hours. Prerequisite or parallel, EA. 400 or 401. (Offered 1947-48 and alternate years thereafter.)

EA. 403—PROBLEMS OF STAFF PERSONNEL

Problems related to teaching personnel in elementary and secondary education. Preparation, certification, selection, assignment, and promotion of teachers; salaries and salary schedules; outside employment; retirement; absences; relation to supervision; teacher rating and growth of teachers in service; tenure; academic freedom; teachers' organizations; professional ethics.

Second semester, three hours. Prerequisite or parallel, EA. 400 or 401. (Offered 1947-48 and alternate years thereafter.)

DEPARTMENT OF PSYCHOLOGY

Dr. Cowen, Mr. Lewis, Mr. C. Moore, Mr. Smith

Ps. 200—GENERAL PSYCHOLOGY

A course to acquaint the student with the fundamental conditions and facts of conscious behavior, including the physiological basis of behavior, native traits, emotions, feelings, sensations, learning, habit formation, memory, and perception.

First semester, three hours. No prerequisite.

Ps. 201—EDUCATIONAL PSYCHOLOGY

An elementary study of psychology as applied to education, to include the items of original tendencies, laws of learning, amount, rate, limit, conditions, spread and permanence of improvement, mental work and fatigue, individual differences.

Second semester, three hours. No prerequisite.

Ps. 300—PSYCHOLOGY OF CHILDHOOD

The purpose of this course is to afford the prospective teacher an opportunity to secure a scientific knowledge of the mental and physical development of the child. Some topics: results of recent investigations in growth and development during infancy and childhood; physical, mental, and other phases of growth; origin and development of child behavior; language development;

learning and habit formation; child hygiene; guidance and conscience; guidance and control.
First semester, three hours. No prerequisite.

Ps. 301—PSYCHOLOGY OF ADOLESCENCE

This course is designed especially for students who plan to be high school teachers, Christian workers, and for others who expect to work with young people. Some topics: the meaning and significance of adolescence; development—physical, mental, motor, social, moral, and religious; emotional behavior; aptitudes and interests; personal disturbances and maladjustments; mental hygiene; guidance and control.

Second semester, three hours. No prerequisite.

School of Commerce

James D. Edwards, M. A., Dean

The School of Commerce of Bob Jones University includes the departments of accounting, office administration, and business administration.

The Bachelor of Science degree may be earned in these departments with a concentration in accounting, office management, or business administration. Detailed information concerning the requirements for concentration will be found below under the section of the catalogue devoted to the department concerned.

Each student earning a degree with a concentration in the School of Commerce is also required to meet the general requirements for the Bachelor of Science degree by taking courses in the College of Arts and Sciences, and to take a second concentration in one of the departments of the College of Arts and Sciences (except for home economics, which may not be taken as a second concentration by students concentrating in the School of Commerce).

There is also offered, for the benefit of students who think they can spend only one year in college, a one-year business course, which may consist of typewriting, shorthand, accounting, and other basic commercial subjects, the whole comprising a course such as is offered by the average "business college." Students who enroll for this course are required to take a certain minimum amount of work in the College of Arts and Sciences, with most of their work in the School of Commerce. The course for each individual student is worked out by a faculty adviser.

All students who register for courses in the School of Commerce should be careful not to repeat work they have already taken in high school or elsewhere. A year of high school typewriting, shorthand, or bookkeeping is considered equivalent to a semester of college work in that subject.

General Courses

Co. 100—INTRODUCTION TO BUSINESS

Survey of vocational opportunities related to business, analysis of course and curriculum offerings of the School of Commerce, and survey of study technique especially

appropriate for various commerce courses.
First semester, three hours. No prerequisite.

Co. 200—PRINCIPLES OF ECONOMICS

This course furnishes a basic introduction to the science of economics. It deals with the principles of production and exchange, business organization and combination, the distribution of the national income, the principles of money, credit, banking, foreign trade and exchange, and business cycles.

Both semesters, three hours each semester. No prerequisite.

Co. 300—TEACHING COMMERCIAL SUBJECTS IN THE SECONDARY SCHOOL

Materials, methods, procedure, and related topics concerning the teaching of commercial subjects in the high school.

First semester, three hours. Prerequisite, concentration in the School of Commerce.

DEPARTMENT OF ACCOUNTING

Miss Hilborn, Miss Rupp

The requirements for concentration in the department of accounting are 36 hours, including Co. 100, 200, BA. 200, Ac. 100, 200, 300, and 6 additional hours chosen from other courses in the department of accounting. Students who have already completed the equivalent of Ac. 100 in high school or elsewhere may substitute other courses in the School of Commerce for this.

Ac. 100—PRINCIPLES OF ACCOUNTING

Introduction to fundamental bookkeeping procedures, journal, ledger, preparation of financial statements, uses made of accounting data. The second semester emphasizes partnership system.

Both semesters, three hours each semester. No prerequisite.

Ac. 200—INTERMEDIATE ACCOUNTING

Study of principles and procedures necessary to preparation of adequate statements for management; emphasis on corporate form; depreciation; branch accounts; sinking funds; stocks; bonds; special problems in organization, operation, liquidation, reorganization of partner-

ships and corporations; uses of special statements.

Both semesters, three hours each semester. Prerequisite, Ac. 100.

Ac. 300—ELEMENTARY COST ACCOUNTING

Introductory course to cost allocation and distribution; job order and process systems.

First semester, three hours, Prerequisite, Ac. 200.

Ac. 301—ADVANCED COST ACCOUNTING

Study of cost analysis; special cost problems in manufacturing; standard costs and variations.

Second semester, three hours. Prerequisite, Ac. 200, 300.

Ac. 302—ACCOUNTING SYSTEMS

Study of principles of systems building and installation in accounting.

First semester, three hours. Prerequisite, Ac. 200, 300.

Ac. 303—AUDITING

Study of procedures and practices of the public accountant in verifying accounts and supplementary data; preparation and analysis of reports; auditor's working papers.

Second semester, three hours. Prerequisite, Ac. 302.

Ac. 400—GOVERNMENT ACCOUNTING

Study of principles involved in accounting in governmental units, with emphasis on the municipal unit, these principles being applied to all governmental units; financial organization, budgetary procedure, fund accounting, relationships of various funds.

First semester, three hours. Prerequisite, Ac. 200.

Ac. 401—BUSINESS ORGANIZATION AND MANAGEMENT

A study of the fundamentals underlying the solutions of problems in the organization and management of business enterprises.

Second semester, two hours. Prerequisite, concentration in the School of Commerce.

Ac. 402—C. P. A. PROBLEMS

Designed to meet the needs of those preparing for professional accounting and Certified Public Accountant examinations. A general review of theory and prac-

tice, with selected problems from the American Institute of Accountants and State C. P. A. examinations. Second semester, three hours. Prerequisite, Ac. 300, 303.

DEPARTMENT OF OFFICE ADMINISTRATION

Miss Crabtree, Miss Hilborn, Miss Rupp

The requirements for concentration in the department of office administration are 36 hours, including Co. 100, 200, Ac. 100A, OA. 100, 101, 400, 401, and 6 additional hours chosen from other courses in the School of Commerce. Students who have already completed the equivalent of OA. 100, 101, or Ac. 100A in high school or elsewhere may substitute other courses in the department of office administration for these.

OA. 100—BEGINNING TYPEWRITING

Instruction given in the touch system of typewriting. Accuracy, rhythm, and speed stressed. Training given in arrangement of material and general problems in the form, placement, and style of business letters. Special attention will be given to the specific problems met in the arrangement and style of business letters, and the typewriting of telegrams, cablegrams, manuscripts, reports, rough drafts, and tabulations. Training will also be given in taking dictation at the typewriter. Both semesters, three hours each semester. No prerequisite.

OA. 101—BEGINNING SHORTHAND

Thorough training in the principles of the Gregg system by means of the anniversary method. Daily dictation of actual business letters and other communications. Students will be trained to transcribe letters quickly, neatly, and accurately. Both semester, three hours each semester. Prerequisite or parallel, OA. 100 or the equivalent.

OA. 102—BUSINESS MATHEMATICS

A study of the fundamental principles of mathematics, including the basic rules of arithmetic, fractions, percentage, and interest, with practical applications to problems of the business world. Designed primarily for students taking the one-year business course. Not ap-

plicable toward a concentration in the School of Commerce.

First semester, three hours. No prerequisite.

OA. 103—BUSINESS ENGLISH

A course to fit the student to speak and to write readily the clear, correct, forceful English necessary in the transaction of present-day business. Appropriate exercises included. Designed primarily for students taking the one-year business course. Not applicable toward a concentration in the School of Commerce.

Second semester, three hours. No prerequisite.

OA. 200—ADVANCED TYPEWRITING

Skill development is continued at a high level. Advanced work in business letter, telegraphic communications, tables and other statistical matter, business instruments, legal and business documents, and related typing projects. Additional and remedial training in speed and accuracy, and a study of advanced typing projects, such as typing of radio scripts, mimeographing, multiple carbons, etc. Both semesters, three hours each semester. Prerequisite, OA. 100, or the equivalent.

OA. 201—ADVANCED SHORTHAND

A review of the principles of the Gregg system. Vocational dictation and Congressional Record dictation are used to build up the student's vocabulary. Designed to prepare the student to pass the civil service examination for senior stenographers, and to qualify him for secretarial work requiring a high degree of skill. Both semesters, three hours each semester. Prerequisite, OA. 100, 101.

OA. 300—BUSINESS LETTERS AND REPORTS

Principles and practices of business letter writing with concentration on the sales letter and on the preparation of special business reports, bulletins, manuals of instruction, and factual summaries. Government forms and reports will be considered.

First semester, three hours. Prerequisite, OA. 100.

OA. 301—BUSINESS MACHINES

Designed to give students a practical knowledge of the construction and operation of standard machines found in most offices, including the various kinds of type-

writers, dictating machines, calculating machines, etc.
Second semester, three hours. Prerequisite, OA. 100, Ac. 100A.

OA. 400—OFFICE METHODS

Designed to train the student for a secretarial position with special instruction in the use of office appliances, the methods of filing, and in the routine tasks required of the skilled office worker.

First semester, three hours. Prerequisite, OA. 100.

OA. 401—SECRETARIAL PROBLEMS

Principles and practices of conducting a modern office from the standpoint of secretarial efficiency. Includes practice in various skills demanded in the modern office. Consideration of and effort toward the integration of the skills with the understandings, attitudes and appreciations required of the secretarial worker in the typical business office.

Second semester, three hours. Prerequisite, OA. 100, 101, Ac. 100A.

DEPARTMENT OF BUSINESS ADMINISTRATION

Mr. Edwards, Mr. Parris

The requirements for concentration in the department of business administration are 36 hours, including Co. 100, 200, OA. 100, OA. 101 or Ac. 100, and 15 additional hours chosen from courses listed under the department of business administration in consultation with the head of the department. Students who have already completed the equivalent of OA. 100, 101, or Ac. 100 in high school or elsewhere may substitute other courses in the School of Commerce for these.

BA. 200—BUSINESS LAW

Law as an agency of social control. The fundamental principles applicable to everyday business problems are studied and applied to cases. Outside reading and reports required.

Both semesters, three hours each semester. No prerequisite.

BA. 300—CONSUMER EDUCATION

What the average consumer needs to know about food, clothing, housing, health, education, recreation, and saving; programs of consumer education; personal and family expenditures and consumer finance management;

standards, cost, and marketing conditions for various consumer goods and services.

First semester, three hours. No prerequisite. (Offered 1946-47 and alternate years thereafter.)

BA. 301—PERSONNEL MANAGEMENT

An analytical study of problems and methods of handling personnel, employment practices, labor relations, etc.

Second semester, three hours. No prerequisite. (Offered 1946-47 and alternate years thereafter.)

BA. 302—MARKETING

A general survey of the marketing structure, with emphasis upon the functions, methods, policies, costs, and problems of the manufacturer, wholesaler, broker, retailer, and other middlemen.

First semester, three hours. Prerequisite, Co. 200 (Offered 1947-48 and alternate years thereafter.)

BA. 303—SALESMANSHIP

A study of the basic principles underlying the sales process and their application to the problems of salesmen. Second semester, three hours. Prerequisite, Co. 200, Ps. 200. (Offered 1947-48 and alternate years thereafter.)

BA. 400—PRINCIPLES OF TRANSPORTATION

An introductory course designed to orient students in the economic, social, and political aspects of transportation. An analysis of the economic characteristics and influences of the transportation industry as a whole.

First semester, three hours. Prerequisite, Co. 200. (Offered 1947-48 and alternate years thereafter.)

BA. 401—RAILROAD TRANSPORTATION

The organization, services, finances, and regulation of railroads. The bases and application of railroad rates, fares, and charges. Consolidation proposals.

Second semester, three hours. Prerequisite, BA. 400. (Offered 1947-48 and alternate years thereafter.)

BA. 402—HIGHWAY TRANSPORTATION

A detailed analysis of types of motor carriers, services, insurance and safety, rate and fare bases, state and federal regulation, and relationship to other carriers.

Second semester, three hours. Prerequisite, BA. 400. (Offered 1947-48 and alternate years thereafter.)

BA. 403—AIR TRANSPORTATION

A course designed for students interested in airline management. Types of air carriers, organization and administration, liability, insurance, safety, public relations, costs and financing, fare and rate bases, regulation, passenger and cargo promotion, air mail, air express.

Second semester, three hours. Prerequisite, BA. 400. (Offered 1947-48 and alternate years thereafter.)

BA. 404—RETAILING

A consideration of the organization and management of retail establishments. Special emphasis is given to store location, equipment and layout, store organization and policies, pricing, and merchandising. Major operating activities, sales promotion techniques, and the control of expenses and merchandise are analyzed.

Both semesters, three hours each semester. Prerequisite, Co. 200. (Offered 1946-47 and alternate years thereafter.)

School of Aeronautics

Royal Grubb, B. A., Director

The School of Aeronautics is open only to full time University students who are above the freshman level. The school is designed so that a student can enroll in aeronautics courses by using his free elective hours. At the same time, the student will be able to earn a regular degree with a primary and secondary concentration in the other schools of the University. Academic credit will be given for flying only to those who complete an equal amount of ground school work. The students who are interested only in learning to fly but not in the ground school courses may enroll in Ae. 102. The cost for instruction in the School of Aeronautics is listed under expenses, page 30.

Ae. 100—BASIC GROUND SCHOOL I

Civil Air Regulations, theory of flight which includes the analysis of maneuvering, communications, and general service of aircraft.

First semester, two hours. No prerequisite.

Ae. 101—BASIC GROUND SCHOOL II

Meteorology and aerial navigation.

Second semester, two hours. Prerequisite Ae. 100.

Ae. 102—PRIMARY FLYING

Fifty hours of flying instruction, normally 15 hours of dual and 35 hours of solo flying. A course designed for those who are interested in learning to fly in connection with their business or for recreation; the basic course for commercial and instrument flying.

Both semesters, two hours each semester. No prerequisite.

Ae. 200—ADVANCED GROUND SCHOOL I

A review of Basic Ground School. A study in the essentials of aircraft repair.

First semester, two hours. Prerequisite Ae. 101.

Ae. 201—ADVANCED GROUND SCHOOL II

Instruction in engine maintenance and advanced work in aircraft repairs.

Second semester, two hours. Prerequisite Ae. 200.

Ae. 202—ADVANCED AND INSTRUMENT FLYING

A continuation of Ae. 102.

Both semesters, two hours each semester. Prerequisite Ae. 102.

Ae. 300—MISSIONARY FLYING

Devoted to a study of problems in missionary flying.

Open only to prospective missionaries who expect to use flying in their work.

Both semesters, two hours each semester. Prerequisite Ae. 201.

Ae. 302—INSTRUMENT FLYING

The fundamentals of flying by instruments.

Both semesters, two hours each semester. Open only to students with satisfactory ground school and flying training.

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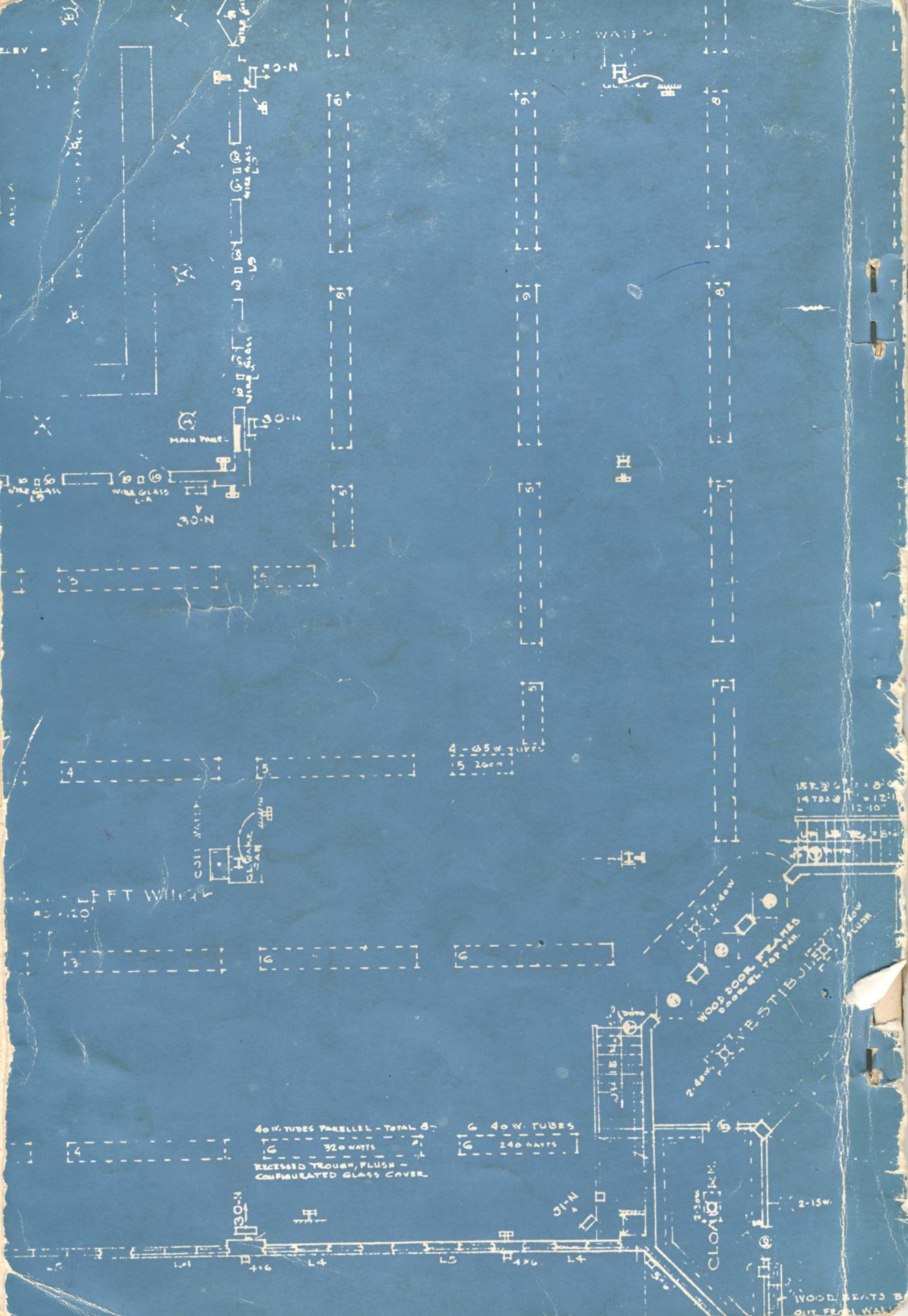
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MAIN PANEL

40-N
WIRE GLASS
L-4

COIL WINDING

LEFT WING

40 W. TUBES PARALLEL - TOTAL 60
320 WATTS
RECESSED TROUGH, FLUSH -
COMPLICATED GLASS COVER

6 40 W. TUBES
240 WATTS

WOOD BOARDS FRAMES
WOOD SEATS

CLONING

WOOD SEATS
OUT FROM WALL